

**A  
DIRECTORY  
of  
ILLINOIS  
SYSTEMATISTS  
and  
ECOLOGISTS**

**Kenneth R. Robertson  
Philip J. Burton  
Bill N. McKnight**



**Illinois Natural History Survey  
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# A DIRECTORY OF ILLINOIS SYSTEMATISTS AND ECOLOGISTS

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This paper is printed by authority of the State of Illinois and is a contribution from the Botany and Plant Pathology Section of the Illinois Natural History Survey. Dr. Kenneth R. Robertson is a Botanist; Philip J. Burton and Bill N. McKnight are Research Biologists.



## 1. Introduction

Illinois is fortunate in having a large number of biological systematists and ecologists affiliated with universities, colleges, museums, botanical and zoological gardens, private companies and government agencies. The purpose of this directory is to provide a centralized list of the systematists and ecologists living or doing research in Illinois. While a number of professional societies have membership lists, there has been no single source that gives the addresses, phone numbers and areas of expertise for this group of scientists in Illinois.

Systematists study the classification and evolutionary relationships of organisms, while ecologists study the interactions of organisms with their biotic and abiotic environments. Systematists and ecologists generally share common interests in the evolutionary history of organisms and in the conservation of their present populations. In addition, both groups of scientists include field biologists well versed in the taxonomic identification of organisms and the estimation of population sizes and habitat requirements. Because of rising environmental concerns, the practical skills of this group of researchers are in high demand for use in environmental impact assessment, natural areas inventory and management, agricultural and forestry management, and for public education.

We envision two principal users of this directory. Scientists and administrators should find this list useful as an address book of colleagues, while others are expected to use it as a resource book to locate systematists and ecologists with specific areas of expertise. In this manner, it is hoped that the directory will facilitate communication among Illinois biologists, and that corporations, agencies or individuals in need of specific systematic or ecological expertise will be more readily able to obtain it. Additionally, it provides a cross-sectional description (summarized in Section 3) of the affiliations, commitments, interests and skills of this group of scientists.

This directory is a summary of the responses returned from a mail questionnaire. Responses can be considered current to about mid-1984. The directory is not a complete list of all systematists and ecologists in the state; qualified scientists not currently listed are urged to return the questionnaire at the end of this publication for inclusion in future additions. We cannot vouch for the accuracy of responses, as we have attempted to transcribe them simply as written, with a minimum of editing (although some standardization of terminology was done in preparing the indices).

Research scientists, environmental biologists and the general public are encouraged to make use of this directory to help identify professional biologists with specific areas of expertise. Please note that there is no obligation on the part of individuals listed in this directory to cooperate with any or all requests for assistance. The first step in identifying individuals with specific interests is to search one or more of the geographic, taxonomic or ecological subject indices in Section 5. The indices give the record numbers of all individuals who cited the specified subject; the names, addresses and additional information regarding these individuals are provided in the alphabetical listing making up the body of this directory (Section 4.2).

## 2. The Questionnaire

A three-page questionnaire form was devised to collect biographical data and information on fields of expertise. In addition to standard information (name, position title, address and phone number), the questionnaire also asked how long the respondent had been at his/her organization, and (if this was three years or less) what his/her previous affiliation had been. Also requested was a list of the respondent's college degrees, with years and institutions. Graduate students were asked to indicate the degree currently being pursued, and their expected year of completion. Respondents were also asked what percentage of their time was devoted to research, teaching, administration, service and other activities. Finally, the professional status of respondents was tabulated by asking them to check off one of the following categories as most appropriate: (1) practicing professional; (2) inactive, retired; (3) retired but still active in research; (4) amateur; and (5) inactive in research due to administrative or teaching duties. The above information composed the biographical segment of the database.

Professional interests and areas of expertise were determined by having respondents check off up to 30 out of 66 specific areas of interest, and answer three free-format questions. Specific check-off categories were composed of the following:

- (1) Groups of organisms worked with (7 plant options, 11 animal options, plus "other")
- (2) Systematic techniques utilized (13 options, plus "other")
- (3) Ecological systems of interest (terrestrial, aquatic)
- (4) Habitat status types of interest (natural, disturbed, artificial, managed)
- (5) Ecological levels of interest (population, community, ecosystem)
- (6) Approach to research (basic, applied)
- (7) Ecological processes or activities of interest (20 options, plus "other").

Since the instructions read, "Please check the items below that apply to your ecological research or interests," some responses must be assumed to indicate general interests rather than specific areas of actual research expertise. A full list of all 66 option categories is included as Section 5.1. Free-format responses were solicited to the following queries:

- (1) "Please list any specific counties or regions of the state in which your research is concentrated; also list other states, counties, or geographical areas in which you do research or field work."
- (2) "What specific orders, families, genera, or other taxa are your specialty?"
- (3) "In what specific areas of ecology do you have expertise?"

Finally, respondents were asked to include a list of their publications, if possible. This combined information formed the expertise segment of the database.

Questionnaire forms were mailed to approximately 850 prospective respondents in early January, 1984. The mailing list was derived primarily from Illinois addresses on the membership lists of a number of professional societies. Forms were also sent to the heads or chairmen of college and university biology departments, museums, and appropriate government agencies in the state. The general criteria for inclusion in the directory were that the respondent should be a systematist or ecologist residing in Illinois or doing research in Illinois. Since it is certain that a number of individuals were omitted, and that some information is no longer correct, a revised questionnaire form is included as Appendix I for additions and updates. It is hoped that revisions to the directory will be published every second year.

As the questionnaires were returned, responses were entered into a relational database on the PRIME computer located at the Illinois Natural History Survey. Files were sorted alphabetically by name, and selected items were printed to produce the alphabetical directory listing that comprises the bulk (Section 4.2) of this publication. Responses to the 66 interest categories and to the three free-format questions were scanned to produce the categorical, geographic, taxonomic and ecological indices that comprise Section 5. The database (as updated to 1 December 1984) was also queried and cross-tabulated to summarize some of the responses, as described below.

### 3. Summary of Responses

#### 3.1 Background Information

A total of 430 completed questionnaire forms were returned to the Illinois Natural History Survey by 1 December 1984. This represents a 51% response rate. An additional 41 forms were returned by the postal service as undeliverable. Almost all respondents (96.5%) listed Illinois as their address. Within the state, Champaign-Urbana and Chicago have the largest number of respondents (Table 1).

The institutional affiliations of respondents were tabulated by searching for key words in the first line of the address given. Half of the respondents (49.1%) are affiliated with colleges and universities (Table 2). The remainder are approximately evenly distributed among the Illinois Natural History Survey (14.2%), other state, federal and municipal agencies (14.0%), museums, arboreta, parks, gardens and zoos (11.6%), and others (11.1%).

**Table 1.** Principal Cities Within Illinois Listed as the Address of Responding Systematists and Ecologists

City	Number of Respondents	Percent of Illinois Respondents
Champaign-Urbana	111	26.7
Chicago	79	19.0
Carbondale	28	6.7
Springfield	25	6.0
Macomb	15	3.6
Charleston	14	3.4
Bloomington-Normal	11	2.7
Peoria	9	2.2
All Others	123	29.7
<b>Total</b>	<b>415</b>	<b>100.0</b>

**Table 2.** Institutional Affiliations of Responding Systematists and Ecologists

Institution	Number of Respondents	Percent of Respondents
Universities	182	42.3
Colleges	29	6.7
High Schools	3	0.7
Illinois Natural History Survey	61	14.2
Other Illinois State Agencies	30	7.0
U.S. Government Agencies & Labs	20	4.7
City and County Agencies	11	2.6
Museums	38	8.8
Botanical & Zoological Parks & Gardens	14	3.3
Private Industry	17	4.0
Conservation Organizations	6	1.4
Others and Unaffiliated	29	6.7
<b>Total</b>	<b>430</b>	<b>100.0</b>

As expected because of the high response level from universities, academics dominate the position title categories as well, with a total of 156 (36.3%) of all respondents being professors (Table 3). The next largest category is that of the research scientist, whose titles include “biologist”, “ecologist”, “research associate”, etc. Curators were identified as a separate category, as were individuals with administrative roles. Note that the categories in Table 3 are not mutually exclusive. Most respondents (84.1%) consider themselves practicing professionals, while many (9.6%) are inactive in research because of administrative or teaching duties. Only 4.0% of the respondents are amateurs; this number is probably unrepresentative because many active amateurs may not have received questionnaires. Retirees make up only 2.3% of the respondents.

**Table 3.** Position Titles of Responding Systematists and Ecologists

Position Category*	Number of Respondents	Percent of 430 Respondents
(Full) Professor	83	19.3
Associate Professor	40	9.3
Assistant Professor	33	7.7
Graduate Student	22	5.1
Research or Technical Assistant	9	2.1
“Research Scientist”	93	21.6
Curator	35	8.1
“Administrator”	71	16.5
Other	48	11.2

\* NOTE: These position categories are not mutually exclusive; for example, a professor may also be a curator or a department head (administrator).

A total of 226 respondents (52.6%) sent a list of their publications. These lists were not entered into the computerized database, but their presence was noted for each respondent. Publication lists have been put on file at the Natural History Survey for future reference.

A total of 386 respondents (89.8%) reported having a bachelor’s degree, 323 respondents (75.1%) have or are working on a master’s degree, and 290 respondents (67.4%) have or are working on a doctoral degree. These proportions are indicative of the long period of training and post-graduate work generally required to be a practicing systematist or ecologist. Of the 1,013 college degrees reported by respondents, a total of 345, or 34.1%, were awarded by Illinois colleges and universities. The average year for a bachelor’s degree was 1965, 1969 for a master’s, and 1971 for a doctorate. On the average, respondents have been with their organizations since 1973, indicating a well experienced contingent of resident biologists.

The differences in time allocation among respondents was one of the most interesting results summarized from the biographical data. As shown in Table 4, the average respondent spends 41.2% of his/her time doing research, 22.7% teaching, 15.5% serving administrative functions, 10.3% devoted to service activities, and 10.3% spent on curatorial and other activities. Although it was not an option on the questionnaire, 17 respondents (4.0%) wrote in “curatorial” as a principal activity. Since the option was not presented to all respondents, curatorial activities are not summarized separately, but this category has been included on the revised questionnaire (Appendix).

**Table 4.** Average Time Commitments, According to Institutional Affiliation  
(Percent of time allocated to specified activity)

Institutional Category	Activity				Curatorial and Other
	Research	Teaching	Admin.	Service	
	% time	% time	% time	% time	% time
Academia (n = 201)	39	43	9	5	4
Natural History Survey (n = 57)	71	2	11	12	4
Other Government Agencies (n = 59)	19	5	34	20	22
Museums and Gardens (n = 48)	49	4	24	14	9
Others (n = 44)	31	6	16	14	33
<b>Total (n = 409)</b>	<b>41.2%</b>	<b>22.7%</b>	<b>15.5%</b>	<b>10.3%</b>	<b>10.3%</b>

Time commitments show clear differentiation on the basis of the institutional affiliation and position of the respondent. Systematists and ecologists with the Illinois Natural History Survey primarily do research (which takes up 71% of their time), as do those affiliated with museums and gardens (49% of their time; Table 4). Academicians have a lower allocation to research (39%), which is offset by teaching duties taking up 43% of their time. Personnel with government agencies spend much time engaged in administrative (34%) and service (20%) activities. Similar patterns are reflected in the distribution of time commitments among professional categories (Table 5). Professors do more teaching (52% time commitment) than research (34%), while graduate students and technical assistants do mostly research (64%). Research scientists (with a 56% time allocation) and curators (53%) also do mostly research, while curators also have a large allocation to administrative activities (20%), next only to administrators (52%). Service activities are significant mostly to research scientists (18% time commitment) and administrators (14%).

**Table 5.** Average Time Commitments, According to Position Type  
(Percent of time allocated to specified activity)

Position Category*	Activity				Curatorial and Other
	Research	Teaching	Admin.	Service	
	% time	% time	% time	% time	% time
Professors & Instructors (n = 157)	34	52	8	4	2
Students & Tech. Assistants (n = 34)	64	18	0	2	16
Research Scientists (n = 115)	56	1	11	18	14
Curators (n = 35)	53	9	20	9	9
Administrators (n = 78)	19	11	52	14	4
Others (n = 48)	17	1	30	21	31
<b>Total (n = 409)</b>	<b>41.2%</b>	<b>22.7%</b>	<b>15.5%</b>	<b>10.3%</b>	<b>10.3%</b>

\* NOTE: These position categories are not mutually exclusive; e.g. a research scientist may also be a curator or manager (administrator).

### 3.2 Areas of Expertise

Tables 6 to 8 summarize the areas of expertise checked off by responding systematists and ecologists; these categorical responses are fully indexed in Section 5.1. The most popular response was an ecological interest in natural systems (indicated by 290 or 67.4% of the respondents), followed by the use of gross morphology as a systematic technique (indicated by 210 or 48.8% of the respondents). Flowering plants (Table 6) appear to be the most popular organisms of study (38.8%), while among animals, insects were checked off most frequently (28.1%). The most popular systematic techniques (Table 7) are the use of gross morphology (48.8%), biogeography (42.3%), nomenclature (35.6%) and anatomy (30.0%). In terms of ecological interests (Table 8), more researchers appear to be interested in terrestrial systems than aquatic systems, and in the population or community levels of organization rather than the ecosystem level. More respondents take a basic approach (53.7%) than an applied approach (37.9%), which corresponds to the prevalence of academic affiliations. The ecological processes or activities of greatest interest are environmental assessments (35.6%), field census (34.2%), demography/life history (33.5%) and plant/animal interactions (30.5%).

**Table 6.** Experience of Responding Systematists and Ecologists with Different Organism Groups.

Organisms Worked With	Number of Respondents	Percent of 430 Respondents
<b>Plants</b>		
(1) flowering plants	167	38.8
(2) gymnosperms	49	11.4
(3) ferns and allies	49	11.4
(4) bryophytes	18	4.2
(5) fungi	31	7.2
(6) lichens	17	4.0
(7) algae	33	7.7
<b>Animals</b>		
(8) mammals	104	24.2
(9) birds	84	19.5
(10) reptiles and amphibians	65	15.1
(11) fishes	86	20.0
(12) insects	121	28.1
(13) crustaceans	37	8.6
(14) arachnids	13	3.0
(15) mollusks	37	8.6
(16) worms	20	4.7
(17) coelentrates	4	0.9
(18) protozoans	10	2.3
(19) Other	19	4.4

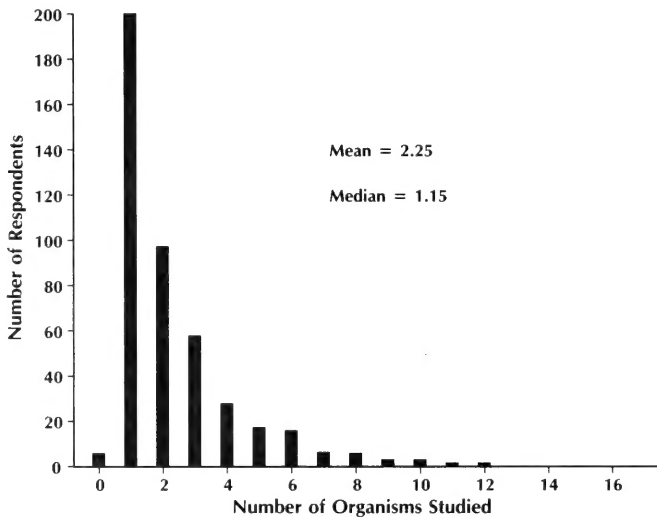
**Table 7.** Different Systematic Techniques Employed by Respondents.

Systematic Technique	Number of Respondents	Percent of 430 Respondents
(20) anatomy	129	30.0
(21) biogeography	182	42.3
(22) chromatography/ electrophoresis	46	10.7
(23) cladistics	60	14.0
(24) cytology/chromosomes	42	9.8
(25) embryology	9	2.1
(26) genetics/breeding	48	11.2
(27) gross morphology	210	48.8
(28) nomenclature	153	35.6
(29) palynology	11	2.6
(30) phenetics	44	10.2
(31) reproductive biology	84	19.5
(32) serology	5	1.2
(33) other	42	9.8

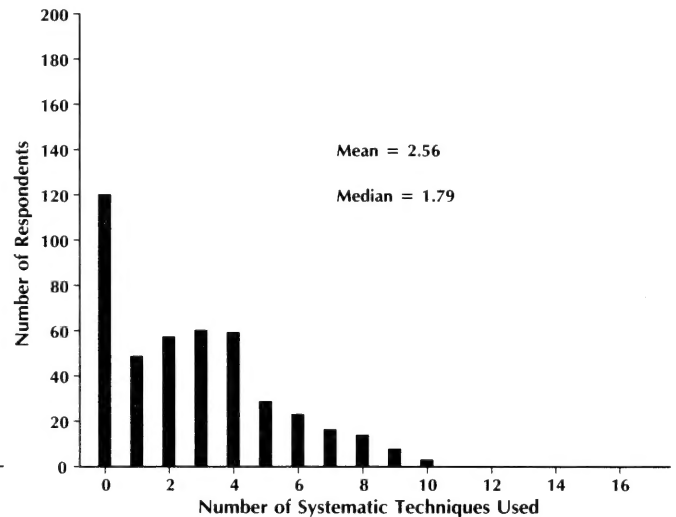
**Table 8.** Prevalence of Different Ecological Interests Among Respondents

Field of Research or Interest	Number of Respondents	Percent of 430 Respondents
<b>System and Level</b>		
(34) terrestrial population	174	40.5
(35) terrestrial community	168	39.1
(36) terrestrial ecosystem	107	24.9
(37) aquatic population	108	25.1
(38) aquatic community	109	25.3
(39) aquatic ecosystem	86	20.0
<b>Approach</b>		
(40) basic	231	53.7
(41) applied	163	37.9
<b>System Type</b>		
(42) natural	290	67.4
(43) disturbed	190	44.2
(44) artificial	73	17.0
(45) managed	128	29.8
<b>Ecological Process or Research Activity</b>		
(46) behavioral ecology	116	27.0
(47) community classification	89	20.7
(48) demography/life history	144	33.5
(49) energy budgets	25	5.8
(50) environmental assessments	153	35.6
(51) evolution	117	27.2
(52) field census	147	34.2
(53) human ecology	17	4.0
(54) landscape ecology	46	10.7
(55) models	47	10.9
(56) nutrients	39	9.1
(57) physiological ecology	63	14.7
(58) plant/animal interactions	131	30.5
(59) plant/plant interactions	56	13.0
(60) plant/soil relations	52	12.1
(61) reclamation	47	10.9
(62) resource management	98	22.8
(63) succession	92	21.4
(64) toxicology	33	7.7
(65) weeds	39	9.1
(66) other	45	10.5

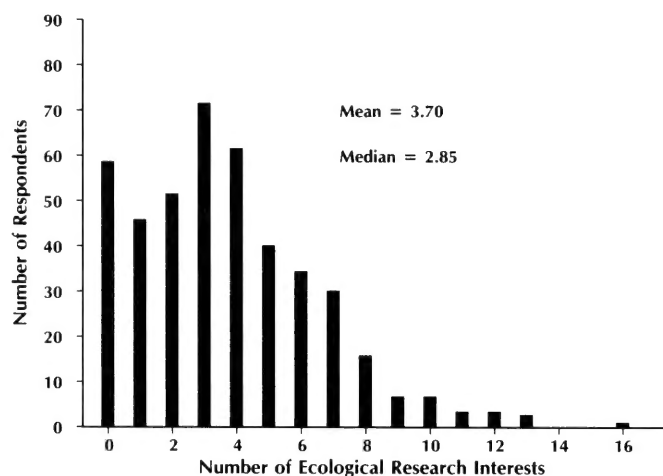
Most respondents indicated that they worked with only one of the 19 organism groups listed on the questionnaire (median response of 1.15 groups, Fig. 1). The modal number of systematic techniques used was three (Fig. 2), but a median response of 1.79 groups was obtained because of the large number (120) of respondents who do not utilize systematics. Respondents likewise tended to check off three or four ecological interests (Fig. 3), while the median response was 2.85 groups, in part due to the 58 respondents who indicated no ecological interests. These frequency distributions suggest that most practicing biologists utilize a variety of systematic techniques or have a range of ecological interests, but (especially botanists) tend to restrict themselves to one group of organisms or another.



**Figure 1.** Frequency distribution of the number of organism groups studied.



**Figure 2.** Frequency distribution of the number of systematic techniques used.



**Figure 3.** Frequency distribution of the number of ecological research interests.



The number of respondents having individual expertise in several fields provides an insight into the prevalence of more specific areas of experience and research among practicing biologists. For example, 38 respondents (8.8%) study both flowering plants and insects, while in a more general context, 92 respondents (21.4%) expressed an interest in both plants and animals. Fifty-seven respondents (13.3%) study both birds and mammals, and 72 respondents (16.7%) are interested in both terrestrial and aquatic ecology. A total of 86 respondents (20.0%) take both a basic and applied approach to their ecological research. There were 112 applied, terrestrial ecologists who responded, in contrast to 81 applied, aquatic ecologists. Two-hundred and ten terrestrial ecologists (80.8% of them) expressed an interest in natural systems, while 132 aquatic ecologists (84.1% of them) expressed a similar interest.

Further comparisons were made between plant biologists and animal biologists. In terms of the utilization of systematic techniques, Table 9 indicates that botanical systematists and zoological systematists make remarkably equal use of biogeography, chromatography/electrophoresis and genetics/breeding. Plant biologists are more likely to use cytology/ chromosomes, nomenclature and (of course) palynology, while anatomy and cladistics are more popular among animal biologists. In terms of ecological interests (Table 10), plant biologists are more likely to be interested in community classification, landscape ecology, nutrients, plant/plant and plant/soil interactions, reclamation, succession and weeds. Animal ecologists tend to prefer behavioral ecology, demography/life history, evolution and field census work. Many differences in interest are due to fundamental differences between plants and animals, while others (such as in evolution) are more difficult to explain.

**Table 9.** Comparison of Systematic Techniques Used by Plant Biologists and Animal Biologists

Technique	Plant Biologists	Animal Biologists
	% of 206	% of 309
(20) anatomy	21.8	33.3
(21) biogeography	42.7	42.7
(22) chromatography/ electrophoresis	10.2	10.4
(23) cladistics	5.8	17.2
(24) cytology/chromosomes	14.1	5.8
(25) embryology	1.0	2.3
(26) genetics/breeding	11.2	11.3
(27) gross morphology	49.5	46.0
(28) nomenclature	37.4	31.1
(29) palynology	5.3	0.0
(30) phenetics	7.8	10.4
(31) reproductive biology	18.0	20.7
(32) serology	0.5	1.6
(33) other	9.2	8.1

NOTE: This tabulation includes 92 respondents who checked off both plants and animals.

**Table 10.** Comparison of Ecological Interests of Plant Biologists and Animal Biologists

Field of Research or Interest	Plant Biologists	Animal Biologists
	% of 206	% of 309
(46) behavioral ecology	14.1	37.2
(47) community classification	29.1	17.5
(48) demography/life history	25.2	40.4
(49) energy budgets	5.8	5.5
(50) environmental assessments	36.9	38.5
(51) evolution	20.9	31.4
(52) field census	33.0	40.1
(53) human ecology	2.4	5.2
(54) landscape ecology	14.6	10.4
(55) models	9.7	11.7
(56) nutrients	12.6	7.8
(57) physiological ecology	15.5	14.0
(58) plant/animal interactions	36.4	35.6
(59) plant/plant interactions	26.7	8.4
(60) plant/soil relations	23.3	7.8
(61) reclamation	15.0	9.1
(62) resource management	24.8	25.9
(63) succession	34.0	16.2
(64) toxicology	7.3	8.7
(65) weeds	16.0	6.8
(66) other	9.2	11.3

NOTE: This tabulation includes 92 respondents who checked off both plants and animals.

Respondents with ecological interests were divided into terrestrial biologists and aquatic biologists (Table 11). Terrestrial biologists have stronger interests in behavioral ecology, demography/life history, landscape ecology, and plant/animal, plant/plant or plant/soil interactions. Aquatic biologists, on the other hand, have greater interest in environmental assessment, nutrients and toxicology, reflecting widespread societal concerns regarding water pollution. Similar differences were observed between basic researchers and applied researchers (Table 12), although both groups take an equal interest in community classification and plant/animal interactions. Basic researchers have pronounced interests in behavioral ecology, demography/life history and evolution. Applied researchers were more likely to check off environmental assessment, human ecology, landscape ecology, models, nutrients, resource management and weeds as areas of interest or research.

**Table 11.** Comparison of Ecological Interests of Terrestrial Biologists and Aquatic Biologists

Field of Research or Interest	Terrestrial Biologists	Aquatic Biologists
	% of 260	% of 157
(46) behavioral ecology	32.7	24.2
(47) community classification	24.6	29.3
(48) demography/life history	43.5	32.5
(49) energy budgets	6.9	9.6
(50) environmental assessments	38.1	54.8
(51) evolution	28.8	24.2
(52) field census	41.9	36.9
(53) human ecology	5.0	3.8
(54) landscape ecology	16.2	8.3
(55) models	13.5	12.7
(56) nutrients	9.6	27.4
(57) physiological ecology	16.5	17.8
(58) plant/animal interactions	40.8	27.4
(59) plant/plant interactions	20.4	11.5
(60) plant/soil relations	19.2	7.6
(61) reclamation	14.6	12.1
(62) resource management	27.3	29.9
(63) succession	29.6	23.6
(64) toxicology	5.8	12.7
(65) weeds	12.3	7.6
(66) other	10.0	10.2

NOTE: This tabulation includes 72 respondents who checked off both terrestrial and aquatic interests.

**Table 12.** Comparison of Ecological Interests of "Basic" Researchers and "Applied" Researchers

Field of Research or Interest	Basic Researchers	Applied Researchers
	% of 231	% of 163
(46) behavioral ecology	38.1	25.2
(47) community classification	26.4	26.4
(48) demography/life history	45.9	33.7
(49) energy budgets	6.9	10.4
(50) environmental assessments	38.1	60.1
(51) evolution	41.1	14.7
(52) field census	38.1	42.9
(53) human ecology	3.0	6.1
(54) landscape ecology	12.1	19.0
(55) models	11.3	19.0
(56) nutrients	9.5	16.6
(57) physiological ecology	20.3	17.8
(58) plant/animal interactions	39.4	38.7
(59) plant/plant interactions	16.0	17.8
(60) plant/soil relations	14.7	17.2
(61) reclamation	10.4	18.4
(62) resource management	18.6	42.9
(63) succession	28.1	30.7
(64) toxicology	7.4	15.3
(65) weeds	9.1	12.9
(66) other	14.3	11.7

NOTE: This tabulation includes 86 respondents who checked off both basic and applied approaches.

Answers to the three free-format questions can also be queried, tabulated and cross-tabulated, but specific keywords have to be specified in such searches. The large number of different places, taxa and specialties listed by respondents prevents any meaningful summarization here. The index to these free-format responses (Section 5.2) contains geographic (Section 5.2.1), taxonomic (Section 5.2.2) and ecological (Section 5.2.3) segments. The number and identity of respondents who cited various key words can be obtained from this index and by referring back to the alphabetical listing of respondents as necessary. For example, 27 respondents included "Indiana" in their list of research locations, while 15 included the word "tropics" or "tropical". Seven respondents cited "Poaceae" (grasses) as a taxonomic specialty, while ten respondents specialize in "Diptera" (flies). The term "natural area" was referred to by 19 respondents, and "monitoring" was cited by three respondents. As an example of a more specific query, it turns out that only two respondents listed both "Mississippi River" and "fish" in their geographical and ecological responses. The names, addresses or phone numbers of these individuals can be readily identified. Statistical summaries and cross-tabulations of these responses would not be as meaningful as those made above for the categorized groups, because there is no means of ensuring that respondents used the same term for similar interests.

## 4. The Directory

### 4.1 Key to Numerical Codes

The alphabetical listing of individual responses uses the following numerical codes to indicate specific areas of interest and expertise, as checked off by the respondents:

#### Organisms Worked With:

- |                           |                              |
|---------------------------|------------------------------|
| (1) flowering plants      | (10) reptiles and amphibians |
| (2) gymnosperms           | (11) fishes                  |
| (3) ferns and fern allies | (12) insects                 |
| (4) bryophytes            | (13) crustaceans             |
| (5) fungi                 | (14) arachnids               |
| (6) lichens               | (15) mollusks                |
| (7) algae                 | (16) worms                   |
| (8) mammals               | (18) protozoans              |
| (9) birds                 | (19) other                   |

#### Systematic Techniques Utilized:

- |                                     |                           |
|-------------------------------------|---------------------------|
| (20) anatomy                        | (27) gross morphology     |
| (21) biogeography                   | (28) nomenclature         |
| (22) chromatography/electrophoresis | (29) palynology           |
| (23) cladistics                     | (30) phenetics            |
| (24) cytology/chromosomes           | (31) reproductive biology |
| (25) embryology                     | (32) serology             |
| (26) genetics/breeding              | (33) other                |

#### Ecological Research or Interests:

- |                             |                                |
|-----------------------------|--------------------------------|
| System and Level            | Process or Activity            |
| (34) terrestrial population | (46) behavioral ecology        |
| (35) terrestrial community  | (47) community classification  |
| (36) terrestrial ecosystem  | (48) demography/life history   |
| (37) aquatic population     | (49) energy budgets            |
| (38) aquatic community      | (50) environmental assessment  |
| (39) aquatic ecosystem      | (51) evolution                 |
|                             | (52) field census              |
| Approach                    | (53) human                     |
| (40) basic                  | (54) landscape ecology         |
| (41) applied                | (55) models                    |
|                             | (56) nutrients                 |
| System Type                 | (57) physiological ecology     |
| (42) natural                | (58) plant/animal interactions |
| (43) disturbed              | (59) plant/plant interactions  |
| (44) artificial             | (60) plant/soil relations      |
| (45) managed                | (61) reclamation               |
|                             | (62) resource management       |
|                             | (63) succession                |
|                             | (64) toxicology                |
|                             | (65) weeds                     |
|                             | (66) other                     |

## 4.2 Alphabetical Listing

#1

**Mr. David G. Abel**

Professor

Shimer College

Department of Natural Science

438 N. Sheridan Rd., P.O. Box A-500

Waukegan, IL 60085

M.S. Western Kentucky University 1972

Phone (312) 623-8400

Organisms Worked With: 11 12 13 16

Systematic Techniques: 27

Ecological Interests: 37 39 40 42

50

Geographical Areas:

Organism Specialties: Oligochaeta, Tubificidae and Naididae

Ecological Expertise: environmental assessment and impact evaluation

#2

**Dr. Ronald G. Alderfer**

Assoc. V.P. &amp; Midwest Reg. Manager

Environmental Science &amp; Engin. Inc.

11665 Lilburn Park Road

St. Louis, MO 63146

Ph.D. Washington University 1969

Phone (314) 567-4600

Organisms Worked With: 1

Systematic Techniques: 21 27

Ecological Interests: 36 39 41 42 43 45

49 50 54 57 61 62 64

Geographical Areas: Missouri, Arkansas, Texas, Georgia, North Carolina, Virginia, Florida

Organism Specialties:

Ecological Expertise: environmental regulation of photosynthesis in plant communities; reclamation and reforestation techniques; environmental assessment and specific mitigation techniques

#3

**Dr. David C. Allison**

Professor &amp; Chairman

Monmouth College

Department of Biology

Monmouth, IL 61462

Ph.D. Pennsylvania State University 1960

Phone (309) 457-2021

Organisms Worked With: 1 7 9

Systematic Techniques: 24 26

Ecological Interests: 35 38 41 42

58 59 63

Geographical Areas: Henderson and Warren Counties, Illinois

Organism Specialties:

Ecological Expertise:

#4

**Mr. Bruce H. Ambuel**

Research Assistant

University of Illinois

Department of Psychology

603 E. Daniel St.

Champaign, IL 61820

M.S. University of Wisconsin-Madison 1981

Phone (217) 333-0041

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 35

46 48 52 53

Geographical Areas:

Organism Specialties:

Ecological Expertise: avian community ecology and biogeography; human ecology and reproductive behavior

#5

**Mr. Michael Wayne Ander**

Ecologist

Dames &amp; Moore Consultants

Environmental Division

1550 Northwest Highway

Park Ridge, IL 60068

M.S. Northern Illinois University 1970

Phone (312) 297-6120

Organisms Worked With: 12

Systematic Techniques: 20 21 27 28

Ecological Interests: 38 41 42 43

50 52 61

Geographical Areas: northern Illinois, Wisconsin, Missouri

Organism Specialties: Diptera - Chironomidae

Ecological Expertise: Midwest lakes and streams

#6

**Dr. Robert Arthur Andersen**

Assistant Professor

De Paul University

Department of Biological Sciences

1036 Belden Avenue

Chicago, IL 60614

Ph.D. University of Arkansas 1981

Phone (312) 321-8171

Organisms Worked With: 7 18

Systematic Techniques: 21 22 23 27 28 30 31

Ecological Interests: 37 38 40 42

48 58 63

Geographical Areas: northern Illinois

Organism Specialties: Chrysophyceae - Synura, Mallomonas, Ochromonas, Epiplatys, etc.

Ecological Expertise: freshwater algae, especially Chrysophyceae

#7

**Dr. Richard V. Anderson**

Associate Professor  
Western Illinois University  
Department of Biological Sciences  
Macomb, IL 61455

Ph.D. Colorado State University 1978  
Phone (309) 298-1553

Organisms Worked With: 12 13 15 16 17 19

Systematic Techniques: 27

Ecological Interests: 37 38 39 42

47 49 56 58

Geographical Areas: west central Illinois aquatic habitats, with  
emphasis on Mississippi and Illinois Rivers

Organism Specialties: aquatic invertebrates in general; free living

Nematoda

Ecological Expertise: invertebrate ecology, with emphasis on effects of  
invertebrates on nutrient cycling and energy flow

#8

**Dr. Roger C. Anderson**

Professor  
Illinois State University  
Department of Biological Sciences  
Normal, IL 61761

Ph.D. University of Wisconsin-Madison 1968  
Phone (309) 438-2653

Organisms Worked With: 1

Systematic Techniques: 31

Ecological Interests: 35

47 48 52 58 60 61 63

Geographical Areas: Midwest; all parts of Illinois

Organism Specialties: Primulaceae - Trientalis borealis

Ecological Expertise: community ecology of grasslands and forests;  
presettlement vegetation; fire ecology; strip mine reclamation

#9

**Dr. Ted R. Anderson**

Associate Professor & Dean  
McKendree College  
701 College  
Lebanon, IL 62254

Ph.D. St. Louis University 1973  
Phone (618) 537-4481

Organisms Worked With: 9

Systematic Techniques: 21 31

Ecological Interests: 34 35 40 42 43

46 48 51 52

Geographical Areas: Monroe County, Illinois; St. Louis and St.

Charles Counties, Missouri; Poland

Organism Specialties: Passer

Ecological Expertise: reproductive strategies of birds; avian  
community ecology; avian population ecology

#10

**Mr. William L. Anderson**

Conservation Resource Proj. Manager  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Dr.  
Champaign, IL 61820

M.A. Southern Illinois University 1964  
Phone (217) 333-8041

Organisms Worked With: 9

Systematic Techniques:

Ecological Interests: 34 35 36 37 38 39 40 42 43 44 45

49 52 57 58 62 64

Geographical Areas: Illinois, statewide

Organism Specialties: Galliformes, Anseriformes

Ecological Expertise: population dynamics, toxicology, nutrition,  
physiology

#11

**Dr. Paul L. Angermeier**

Research Associate  
University of Illinois  
Dept. of Ecology, Ethology & Evolution  
606 E. Healey St.  
Champaign, IL 61820

Ph.D. University of Illinois 1983  
Phone (217) 333-2235

Organisms Worked With: 11

Systematic Techniques:

Ecological Interests: 37 38 39 40 42 43

46 62

Geographical Areas: central southern Illinois; Panama

Organism Specialties:

Ecological Expertise: community dynamics of aquatic systems, especially  
streams; impacts of disturbance on community organization among fishes

#12

**Dr. Thomas M. Antonio**

Taxonomist  
Chicago Botanic Garden  
Herbarium  
P.O. Box 400 - Lake Cook Road  
Glencoe, IL 60022

Ph.D. University of Oklahoma 1982  
Phone (312) 835-5440

Organisms Worked With: 1 2 3

Systematic Techniques: 27 28 31

Ecological Interests:

Geographical Areas:

Organism Specialties: Central American Monimiaceae

Ecological Expertise: cultivated plants of the Chicago region; native  
Illinois plants; horticulturally important aquatics

#13

**Mr. Steven Irwin Apfelbaum**  
Research and Consulting Ecologist  
Applied Ecological Services  
516 Berkley Drive  
Arlington Heights, IL 60004

M.S. University of Illinois-U.C. 1978  
Phone (608) 897-8547

Organisms Worked With: 1 5 6 9

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43

47 48 50 52 54 56 60 61 62 63 64 65 66

Geographical Areas: Cook, DuPage, Lake, McHenry Counties, Illinois;  
Appalachian, Great Lakes, southeast, desert southwest, intermountain and  
Pacific Coast states; Hawaiian Islands; eastern Mexico; central Canada  
Organism Specialties:

Ecological Expertise: ecological assessment; design and implementation  
of long-term ecological monitoring programs

#14

**Dr. James E. Appleby**  
Entomologist  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

Phone (217) 333-6250

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 40 41

48 54

Geographical Areas: Pope, Champaign and DuPage Counties, Illinois

Organism Specialties:

Ecological Expertise: life histories of insects attacking landscape  
and forest trees.

#15

**Mrs. Patricia Kay Armstrong**  
Coord. Youth Prog. & Prairie Proj.  
Morton Arboretum  
Education Department  
Route 53  
Lisle, IL 60532

M.S. University of Chicago 1968  
Phone (312) 968-0074

Organisms Worked With: 1 2 3 4 6 8 9 10 12 13 14

Systematic Techniques: 21

Ecological Interests: 35 38 40 42 43 45

47 50 52 54 63

Geographical Areas: Shawnee Hills, southern Illinois; Sauk Hills  
(driftless area), Wisconsin; mountain areas of the world

Organism Specialties: bryophytes, lichens; prairie plants, vascular  
plants at timberline and above; aquatic invertebrates; amphibians

Ecological Expertise: prairie; saxicolous plants; timberline and  
alpine ecology

#16

**Dr. Stevan J. Arnold**  
Associate Professor  
University of Chicago  
Department of Biology  
1103 E. 57th Street  
Chicago, IL 60637

Ph.D. University of Michigan 1972  
Phone (312) 962-3402

Organisms Worked With: 10

Systematic Techniques: 21 26 27 31

Ecological Interests: 34 37 40 42

46 48 51 52 57

Geographical Areas: northern California; Europe

Organism Specialties: Reptilia: Colubridae - Thamnophis;

Urodeles: Salamandridae, Plethodontidae, Ambystomatidae

Ecological Expertise: demography and behavioral ecology of reptiles  
and amphibians

#17

**Dr. Charles B. Arzeni**  
Professor  
Eastern Illinois University  
Department of Botany  
Charleston, IL 61920

Ph.D. University of Michigan 1952  
Phone (217) 581-3728

Organisms Worked With: 1 4 6

Systematic Techniques: 27

Ecological Interests: 42

52

Geographical Areas: Illinois; west central Indiana; Michigan;  
Central America; South America; Taiwan

Organism Specialties: Bryophyta

Ecological Expertise:

#18

**Dr. William Clark Ashby**  
Professor  
Southern Illinois University  
Department of Botany  
Carbondale, IL 62901

Ph.D. University of Chicago 1950  
Phone (618) 536-2331

Organisms Worked With: 1 5

Systematic Techniques:

Ecological Interests: 36 42 43 44 45

50 56 57 59 60 61 63 65

Geographical Areas: Saline, Perry, Williamson, Randolph, Hardin,  
Union, Jackson, Pope and Wabash Counties, Illinois; Indiana; Maryland;  
Wisconsin

Organism Specialties:

Ecological Expertise: forest ecology; physiological ecology; tree  
growth; strip mine reclamation; ecological genetics



#19

**Dr. Yousef Hanna Atallah**

Director Environmental Sciences  
Velsicol Chemical Corporation  
Research Division  
341 E. Ohio Street  
Chicago, IL 60611

Ph.D. Louisiana State University 1964  
Phone (312) 670-4830

Organisms Worked With: 8  
Systematic Techniques:  
Ecological Interests: 41 43 44  
50 55 64  
Geographical Areas:

Organism Specialties:

Ecological Expertise: environmental toxicology; fate of xenobiotics in the environment

#20

**Dr. Carol K. Augspurger**

Associate Professor  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Ave.  
Urbana, IL 61801

Ph.D. University of Michigan 1978  
Phone (217) 333-1298

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 34 35 40 42  
48 58 59  
Geographical Areas: Neotropics, especially Costa Rica and Panama

Organism Specialties:

Ecological Expertise: reproductive biology (phenology, pollination, seed predation, dispersal, especially wind dispersal, germination, seedling survival & growth); damping-off disease of seedlings; demography; monocarpy

#21

**Dr. Ralph W. Axtell**

Professor  
Southern Illinois University  
Department of Biological Sciences  
Edwardsville, IL 62026

Ph.D. University of Texas-Austin 1958

Phone (618) 692-3405

Organisms Worked With: 10  
Systematic Techniques: 20 21 22 27 28 30  
Ecological Interests:

Geographical Areas: Madison, Calhoun, Jersey, St. Clair, Pike, Monroe & Randolph Cos., Illinois; Lincoln, Pike, Ralls, St. Charles, Jefferson & Warren Cos., Missouri; Arizona; New Mexico; Texas; northern Mexico  
Organism Specialties: Squamata - Iguanidae, Holbrookia, Crotaphytus, Sceloporus, etc.; Serpentes - Lampropeltis, Carphophis, Crotalus; Anura - Hylidae, Pseudacris  
Ecological Expertise:

#22

**Dr. David Bardack**

Professor  
University of Illinois at Chicago  
Department of Biological Sciences  
Chicago, IL 60680

Ph.D. University of Kansas 1963  
Phone (312) 996-4578

Organisms Worked With: 11  
Systematic Techniques: 20 21 23  
Ecological Interests:

Geographical Areas: Will and Grundy Counties, Illinois (Mason Creek Pennsylvanian fauna); Kansas, Texas; Northwest Territories, Canada;  
Organism Specialties: fish

Ecological Expertise:

#23

**Dr. Kerry A. Barringer**

Visiting Assistant Curator  
Field Museum of Natural History  
Department of Botany  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605-2496

Ph.D. University of Connecticut 1981  
Phone (312) 922-9410

Organisms Worked With: 1  
Systematic Techniques: 20 21 27 28  
Ecological Interests:

Geographical Areas: Costa Rica, lowland South America

Organism Specialties: Scrophulariaceae, Aristolochiaceae, Central American Orchidaceae, Costa Rican Myristicaceae and Annonaceae  
Ecological Expertise:

#24

**Dr. George O. Batzli**

Professor & Head  
University of Illinois  
Dept. of Ecology, Ethology & Evolution  
515 Morrill Hall, 505 S. Goodwin Ave.  
Urbana, IL 61801

Ph.D. University of California-Berkeley 1969  
Phone (217) 333-7801

Organisms Worked With: 1 8 12  
Systematic Techniques:  
Ecological Interests: 34 35 40 42 43  
57 58 66

Geographical Areas: Champaign County, Illinois; northern Alaska; New Zealand; Norway  
Organism Specialties:

Ecological Expertise: nutritional ecology of herbivores; population dynamics of animals; Arctic ecology; small mammal communities

#25

**Mr. Donald L. Baumgartner**

Graduate Student  
University of Illinois-Chicago  
Department of Biological Sciences  
P.O. Box 4348  
Chicago, IL 60680

M.S. University of Illinois at Chicago 1984  
Phone (312) 996-5440

Organisms Worked With: 12  
Systematic Techniques: 21 27  
Ecological Interests: 34 35 42 43  
46 48 52

Geographical Areas: Cook County, Illinois; South America, especially Peru

Organism Specialties: Diptera - Calliphoridae, Mesembrinellidae, Culicidae

Ecological Expertise: biogeography and altitudinal distribution of Calliphoridae

#26

**Dr. Peter B. Bayley**

Assistant Professional Scientist  
Illinois Natural History Survey  
Section of Aquatic Biology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. Dalhousie University 1982  
Phone (217) 333-6889

Organisms Worked With: 11  
Systematic Techniques:  
Ecological Interests: 37 38 39 41 42 44 45  
49 55 62 66

Geographical Areas: state and public impoundments throughout Illinois; Amazon River in Brazil and Peru

Organism Specialties:

Ecological Expertise: fish population dynamics and production; trophic dynamics and community ecology

#27

**Dr. Fakhri A. Bazzaz**

Professor  
Harvard University  
Dept. of Organismic & Evolutionary Biology  
16 Divinity Avenue  
Cambridge, MA 02138

Ph.D. University of Illinois 1963  
Phone (617) 495-0916

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 34 35 36 43  
48 55 56 57 59 62 63 65

Geographical Areas: Champaign County, Illinois; Massachusetts

Organism Specialties:

Ecological Expertise: physiological, population and community ecology of plants

#28

**Dr. Andrew J. Beattie**

Professor  
Northwestern University  
Dept. of Ecology & Evolutionary Biology  
Evanston, IL 60201

Phone (312) 492-5619

Organisms Worked With: 1 12  
Systematic Techniques:  
Ecological Interests: 34 35 40 42  
46 48 51 58  
Geographical Areas: Colorado; England; Australia  
Organism Specialties:  
Ecological Expertise: pollination; seed dispersal; ant-plant interactions

#29

**Mr. Carl N. Becker**

Section Manager  
Illinois Department of Conservation  
Natural Heritage Section  
600 N. Grand Avenue West  
Springfield, IL 62706

M.S. Eastern Michigan University 1973  
Phone (217) 785-8774

Organisms Worked With: 8 9 10 15  
Systematic Techniques:  
Ecological Interests: 34 35 36 41  
50 52 54 62  
Geographical Areas: north central Illinois; Wisconsin; east central Kansas; western Nebraska; southeast California; Connecticut and north central Massachusetts  
Organism Specialties:

Ecological Expertise: avian ecology; small mammal ecology; endangered species (birds, mammals, amphibians and reptiles)

#30

**Barbara L. Benner**

Post-Doctoral Fellow  
Indiana University  
Department of Biology  
Jordan Hall  
Bloomington, IN 47405

Ph.D. University of Illinois-U.C. 1985  
Phone (812) 335-7804

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 34 35 40 42 43  
48 56 57 58 59 60 63 65  
Geographical Areas: central Illinois

Organism Specialties:

Ecological Expertise: responses of plants to variations in resource availability, and the effects of such variation (spatial and temporal) on plant competition

#31

**Dr. May R. Berenbaum**

Associate Professor  
University of Illinois  
Department of Entomology  
320 Morrill Hall, 505 S. Goodwin Ave.  
Urbana, IL 61801

Ph.D. Cornell University 1980  
Phone (217) 333-7784

Organisms Worked With: 1 12  
Systematic Techniques: 21 22 26 33  
Ecological Interests: 34 35 40 42 43  
46 51 58 64  
Geographical Areas: Champaign County, Illinois

Organism Specialties: Apiaceae; Insecta - Papilionidae, Oecophoridae

Ecological Expertise: chemical aspects of plant-insect interaction

#32

**Mr. William Allen Bergman**

Principal Civil Engineer  
Metropolitan Sanitary District  
Engineering Department  
100 E. Erie  
Chicago, IL 60660

M.S. Illinois Institute of Technology 1981  
Phone (312) 751-5818

Organisms Worked With: 12  
Systematic Techniques: 26 27 33  
Ecological Interests: 39 42 45  
49 50 54 61  
Geographical Areas: Cook, DuPage and Lake Counties, Illinois;  
Indiana; Michigan; Wisconsin; Minnesota; Florida  
Organism Specialties: Lepidoptera

Ecological Expertise: energy balances, aquatic ecology, watershed planning

#33

**Dr. James F. Berry**

Assistant Professor  
Elmhurst College  
Department of Biology  
190 Prospect  
Elmhurst, IL 60126

Ph.D. University of Utah 1978  
Phone (312) 279-4100 Ext. 200

Organisms Worked With: 10  
Systematic Techniques: 20 21 23 27 28 30 31  
Ecological Interests: 34 35 37 38 40  
46 48 51 55 57  
Geographical Areas: southern Cook County, Illinois; southwestern Illinois; eastern states; central states; southwestern states; Mexico; Central America; South America  
Organism Specialties: Testudines - Kinosternidae: Kinosternon and Sternotherus; Squamata - Colubridae: Thamnophis, Opheodrys and Storeria  
Ecological Expertise: population ecology and physiological ecology, specifically the relationships between environmental parameters and morphological and physiological specializations

#34

**Dr. Gregory R. Biddinger**

Environmental Toxicologist  
Illinois E.P.A.  
Office of Chemical Safety  
2200 Churchill Road  
Springfield, IL 62706

Ph.D. Indiana State University 1981

Phone (217) 785-0830

Organisms Worked With: 11 13  
Systematic Techniques:  
Ecological Interests: 37 38  
50 64

Geographical Areas:

Organism Specialties: organisms used in aquatic bioassays for acute or chronic toxicity testing: Pimephales promelas, Oryzias latipes, Daphnia magna, D. pulex, Ceriodaphnia reticulata  
Ecological Expertise: population and community level effects of toxic effluents or single compounds, based on synoptic surveys of point sources and laboratory bioassays (single and multispecies)

#35

**Mr. Brian Jay Bielema**

1100 14th Avenue  
Fulton, IL 61252

M.S. Western Illinois University 1973  
Phone (309) 887-4255

Organisms Worked With: 1 8 9 10  
Systematic Techniques: 21  
Ecological Interests: 34 35 36 40 42  
46 48 52 58 63

Geographical Areas: Whiteside, Carroll and Jo Daviess Counties, Illinois; Clinton, Jackson and Jones Counties, Iowa  
Organism Specialties: rattlesnakes - Crotalus, Sistrurus; also Agkistrodon  
Ecological Expertise: Massasauga and timber rattlesnake ecology

#36

**Mr. J. Paul Biggers**

Chief of Environment  
Illinois Dept. of Transportation  
Bureau of Location and Environment  
2300 S. Dirksen Parkway  
Springfield, IL 62764

M.S. So. Illinois Univ.-Carbondale 1976  
Phone (217) 782-4770

Organisms Worked With: 1 9  
Systematic Techniques:  
Ecological Interests: 34 35 41 42 43  
47 50 52  
Geographical Areas: Jackson County, Illinois

Organism Specialties:

Ecological Expertise: vegetation analysis and description; nesting ecology of white-eyed vireos; breeding bird surveys

#37

**Dr. Dale E. Birkenholz**

Professor  
Illinois State University  
Department of Biological Sciences  
Normal, IL 61761

Ph.D. University of Florida 1962  
Phone (309) 438-5567

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 42 43  
46 52

Geographical Areas: central Illinois; northern Ontario, Canada

Organism Specialties:

Ecological Expertise: bird and small mammal censusing

#38

**Mr. Richard Ernest Bodmer**

Research Assistant  
Chicago Zoological Society  
Research Department  
Brookfield, IL 60513

M.S. University of Illinois 1984  
Phone (312) 485-0263

Organisms Worked With: 8

Systematic Techniques: 26 31

Ecological Interests: 34 35 40 41 42 44  
46 48 57 58

Geographical Areas: Brookfield Zoo, Brookfield, Illinois; Epulu, Zaire; Iquitos, Peru

Organism Specialties: tropical forest ungulates

Ecological Expertise: behavioral ecology

#39

**Mr. H. David Bohlen**

Assistant Curator of Zoology  
Illinois State Museum  
Zoology Department  
Spring & Edwards  
Springfield, IL 62706

B.S. Eastern Illinois University 1966  
Phone (217) 782-6697

Organisms Worked With: 9

Systematic Techniques: 21 27

Ecological Interests: 34 40 42 43 44 45  
48 52

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: birds and their habitats

#40

**Mr. John K. Bouseman**

Assistant Entomologist  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. University of Illinois-U.C. 1962  
Phone (217) 333-2668

Organisms Worked With: 1 12

Systematic Techniques: 20 21 23 27 28 30 31

Ecological Interests: 34 35 40 42 43  
46 48 51 58

Geographical Areas: Carroll, Whiteside, Henderson, Mason, Kankakee, Will, Effingham, Fayette, Marion, Union and Pope Counties, Illinois; Brazil; Paraguay; Uruguay; Venezuela; West Indies; Mexico

Organism Specialties: Coleoptera - Cerambycidae, Chrysomelidae, Meloidae, Rhipiphoridae; Hymenoptera - Apoidea

Ecological Expertise: pollination ecology

#41

**Mr. Marlin L. Bowles**

Research Associate  
The Morton Arboretum

Lisle, IL 60532

M.S. University of Illinois 1972  
Phone (312) 968-0074

Organisms Worked With: 1

Systematic Techniques: 21 31

Ecological Interests: 34 35 42  
48 58 62

Geographical Areas: tall-grass prairie region

Organism Specialties: Orchidaceae; endangered plant taxa

Ecological Expertise: natural area management and inventory; distribution and management of endangered or threatened plant species

#42

**Dr. Raymond H. Brand**

Professor  
Wheaton College  
Biology Department  
Wheaton, IL 60187

Ph.D. University of Michigan 1955  
Phone (312) 260-5008

Organisms Worked With: 1 2 7 8 9 12

Systematic Techniques: 20 21 27 31

Ecological Interests: 34 40 41 42 45  
46 50 52 58 62 63

Geographical Areas: DuPage and Cook Counties, Illinois

Organism Specialties: Collembola; Peromyscus

Ecological Expertise: terrestrial ecology; soil arthropod ecology; mammalian and avian ecology; applied aspects of wastewater management

#43

**Dr. Ronald A. Brandon**  
 Professor & Chairman  
 Southern Illinois University  
 Department of Zoology  
 Carbondale, IL 62901

Ph.D. University of Illinois-U.C. 1962

Phone (618) 536-2314

Organisms Worked With: 10  
 Systematic Techniques: 20 22 26 27 28 31  
 Ecological Interests: 34 37 40 42  
 48 51 52

Geographical Areas: southern Illinois; Ozarks; southern Appalachians; Mexico

Organism Specialties: Caudata; Plethodontidae; Ambystomatidae; Salamandridae; Sirenidae - Ambystoma, Gyrinophilus, Notophthalmus, Pseudotriton, Siren, Desmognathus, Typhlotriton, Haideotriton  
 Ecological Expertise: life history and reproduction of amphibians

#44

**Mr. Charles A. Bridges**

502 W. Main St., Apt. 120  
 Urbana, IL 61801

M.S. University of Illinois  
 Phone (217) 384-5778

Organisms Worked With: 12  
 Systematic Techniques: 20 21 27 28  
 Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Lepidoptera - Rhopaiocena - Hesperidae

Ecological Expertise:

#45

**Dr. Allison R. Brigham**  
 Associate Professional Scientist  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Phone (217) 333-0954

Organisms Worked With: 12 13 15  
 Systematic Techniques: 21  
 Ecological Interests: 38 41 42 43  
 47 50

Geographical Areas: Illinois

Organism Specialties: aquatic and semi-aquatic Heteroptera; aquatic Coleoptera

Ecological Expertise: environmental assessment through water quality and benthic macroinvertebrate community interactions

#46

**Dr. Warren U. Brigham**  
 Professional Scientist & Manager  
 Illinois Natural History Survey  
 Section of Faunistics  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1972  
 Phone (217) 333-0954

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 27 28  
 Ecological Interests: 35 37 38 39 41 42 43 44 45  
 50 55 62

Geographical Areas: Illinois, statewide; North Carolina; South Carolina; worldwide

Organism Specialties: Insecta - Coleoptera - Haliplidae and aquatics

Ecological Expertise: environmental assessment, modelling, siting

#47

**Mr. David Francis Brinker**  
 Staff Ecologist  
 Dames & Moore  
 1550 Northwest Highway  
 Park Ridge, IL 60068

B.S. Univ. of Wisconsin-Green Bay 1977  
 Phone (312) 297-6120

Organisms Worked With: 1 2 3 8 9 10  
 Systematic Techniques: 21 27  
 Ecological Interests: 34 40 41  
 46 50 62 66

Geographical Areas: northern Illinois and Wisconsin

Organism Specialties: Accipitridae, Pandionidae, Cathartidae, Falconidae, Tytonidae, Strigidae

Ecological Expertise:

#48

**Mr. Bruce W. Brown**  
 Assistant Supportive Scientist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1984  
 Phone (217) 333-6857

Organisms Worked With: 8  
 Systematic Techniques: 20  
 Ecological Interests: 34 40 41 42  
 46 52 55

Geographical Areas: Champaign, Iroquois and Kankakee Counties, Illinois

Organism Specialties: Rodentia - Sciuridae - Sciurus and Tamiasciurus

Ecological Expertise: small mammal population ecology and competition

#49

**Dr. Daniel D. Brown**

Superintendent  
Macon Mosquito Abatement District  
RR 1 Box 283c  
Decatur, IL 62526

Ph.D. University of Illinois 1977

Phone (217) 875-2722

Organisms Worked With: 12

Systematic Techniques: 21 27 28

Ecological Interests: 37 38 39 41 42 43  
52 64

Geographical Areas: Macon, Piatt, Champaign and Vermilion Counties, Illinois

Organism Specialties: Diptera - Culicidae - *Aedes vexans*,  
*A. trivittatus*, *A. triseriatus*, *Culex pipiens*, *C. restuans*, *C. salinarius*,  
*C. erraticus*

Ecological Expertise: population dynamics, flight activity, temporal-spatial-seasonal distribution, overwintering and general bionomics of Culicidae

#50

**Dr. Lauren E. Brown**

Professor  
Illinois State University  
Department of Biological Sciences  
Normal, IL 61761

Ph.D. University of Texas-Austin 1967

Phone (309) 438-5990

Organisms Worked With: 10

Systematic Techniques: 20 21 27 28 31 33

Ecological Interests: 34 35 37 40 42 43 44 45  
46 48 50 51 52 63 65

Geographical Areas: sand prairie along the Illinois River, valleys of the Illinois and Mackinaw Rivers, Illinois

Organism Specialties: Salientia - Bufonidae - *Bufo*; Ranidae - *Rana pipiens* complex; Hylidae - *Pseudoeacris*, *Hyla*

Ecological Expertise: speciation, causes and effects of natural hybridization, relic populations; amphibian biology, reproductive ecology, fossorial ecology; ecology of floodplains and prairies

#51

**Dr. Sandra L. Brown**

Assistant Professor  
University of Illinois  
Department of Forestry  
110 Mumford Hall, 1301 W. Gregory  
Urbana, IL 61801

Ph.D. University of Florida 1978

Phone (217) 333-1643

Organisms Worked With: 1 2

Systematic Techniques:

Ecological Interests: 36 40 41 42 43 45  
49 55 56 60

Geographical Areas: southern Illinois, north central Illinois; tropics, Latin America, especially Puerto Rico

Organism Specialties:

Ecological Expertise: organic matter dynamics of tropical forests and wetlands/bottomlands

#52

**Dr. Richard B. Brugam**

Associate Professor  
Southern Illinois University  
Department of Biological Sciences  
Box 65b  
Edwardsville, IL 62026

Ph.D. Yale University 1975

Phone (618) 656-3927

Organisms Worked With: 7 13

Systematic Techniques: 27

Ecological Interests: 37 38 41 43  
62

Geographical Areas: Madison, St. Clair, Perry and Jackson Counties, Illinois

Organism Specialties: diatoms

Ecological Expertise: recovery of surface mine sites, especially neutralization of surface mine lakes

#53

**Mr. John Clay Bruner**

Collection Manager  
Field Museum of Natural History  
Geology Department  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605-2496

M.S. Northern Illinois University 1979

Phone (312) 922-9410

Organisms Worked With: 11

Systematic Techniques: 20 23 27

Ecological Interests: 37 38 40 42 43  
47 50 52

Geographical Areas: Cook and Will Counties, Illinois; Indiana; Wyoming

Organism Specialties: Osteichthyes - Pomacentridae - Percidae

Ecological Expertise: systematics of fishes

#54

**Dr. Stephen M. Bryant**

Associate Professor  
Western Illinois University  
Department of Biology  
Macomb, IL 61455

Ph.D. Univ. of California-Riverside 1975

Phone (309) 298-1374

Organisms Worked With: 12

Systematic Techniques: 21 22 26 27

Ecological Interests: 34 40 42  
48

Geographical Areas: deserts and mountains of California and Colorado

Organism Specialties: *Drosophila*Ecological Expertise: population ecology of *Drosophila*



#55

**Dr. D. Homer Buck**

Aquatic Biologist  
Illinois Natural History Survey  
Section of Aquatic Biology  
Rt. 1  
Kinmundy, IL 62854

Ph.D. Oklahoma State University 1951  
Phone (618) 245-6348

Organisms Worked With: 1 7 10 11 12 13 15 16 18

Systematic Techniques: 27

Ecological Interests: 37 38 39 41 42 43 44 45  
46 58

Geographical Areas: Marion County, Illinois

Organism Specialties:

Ecological Expertise: managed and artificial fish production systems

#56

**Mr. John E. Buhnerkempe**

Assistant Supportive Scientist  
ENR - State Natural History Survey  
Section of Wildlife Research  
200 W. Wernsing  
Effingham, IL 62401

M.S. Eastern Illinois University 1979  
Phone (217) 347-5921

Organisms Worked With: 9

Systematic Techniques:

Ecological Interests: 34 35 40 41 43 44 45  
46 47 48 52 58 62

Geographical Areas: Jasper and Marion Counties, Illinois

Organism Specialties:

Ecological Expertise: grassland ecology, avian community studies

#57

**Dr. William Carl Burger**

Curator  
Field Museum of Natural History  
Department of Botany  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. Washington University-St. Louis 1961  
Phone (312) 922-9410

Organisms Worked With: 1

Systematic Techniques: 21 27 28

Ecological Interests:

51

Geographical Areas: Central America, Costa Rica

Organism Specialties: Central American Piperaceae and Lauraceae

Ecological Expertise:

#58

**Mr. Dale Paul Burkett**

Conservation Resource Manager II  
Illinois Department of Conservation  
Division of Fish & Wildlife Resources  
13608 Fox Road  
Yorkville, IL 60560

M.S. Eastern Illinois University 1981  
Phone (312) 553-6680

Organisms Worked With: 7 11 13 15

Systematic Techniques:

Ecological Interests: 37 38 39 41 42 43 45  
46 47 50 55 62

Geographical Areas: Kendall, Will, Grundy and Kankakee Counties, Illinois

Organism Specialties:

Ecological Expertise: aquatic ecosystems in natural or man-made lentic water bodies; biomass distribution by guild, especially in the fish community

#59

**Dr. Christopher D. Burnett**

Assistant Wildlife Ecologist  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. Boston University 1982  
Phone (217) 333-8907

Organisms Worked With: 1 2 8 9

Systematic Techniques: 20 21 27 31

Ecological Interests: 34 35 40 41 42 43 45  
46 50 54 62 66

Geographical Areas: coal mining areas in Illinois; Great Lake states; New England states; Puerto Rico

Organism Specialties: bats: Chiroptera, Vespertilionidae, Eptesicus

Ecological Expertise: mammalian population ecology, especially bats; environmental assessment of surface mining; community ecology of agro-ecosystems

#60

**Dr. Brooks M. Burr**

Associate Professor  
Southern Illinois University  
Zoology Department  
Carbondale, IL 62901

Ph.D. University of Illinois-U.C. 1977

Phone (618) 536-2314

Organisms Worked With: 11

Systematic Techniques: 20 21 22 23 27 28 30 31

Ecological Interests: 37 40 42  
48

Geographical Areas: southern Illinois; Kentucky; Ozarks of Missouri; main channel of the Mississippi River; North Carolina; Mexico

Organism Specialties: Cypriniformes - Cyprinidae - Campostoma, Clinostomus, Notropis; Siluriformes - Noturus; Perciformes - Centrarchidae - Lepomis, Acantharcus; Percidae - Etheostoma

Ecological Expertise: life history studies of small, non-game fishes including analyses of growth, development, reproduction, diet and survivorship

#61

**Mr. Philip J. Burton**

Graduate Student  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Ave.  
Urbana, IL 61801

M.S. University of Hawaii 1980

Phone (217) 333-8507

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43 45  
47 48 50 52 54 55 57 59 60 61 62 63 65

Geographical Areas: Champaign County, Illinois; Hawaiian Islands;  
Alberta and Northwest Territories, Canada

Organism Specialties:

Ecological Expertise: design and analysis of vegetation surveys and  
monitoring programs; surface coal mine revegetation; experimental and  
modelling approaches to studying mechanisms of plant succession

#62

**Dr. Robert G. Butz**

Group Leader  
Velsicol Chemical Corp.  
R. & D. Dept., Environmental Sciences  
341 E. Ohio Street  
Chicago, IL 60611

Ph.D. North Carolina State University 1978

Phone (312) 670-4831

Organisms Worked With: 1 5 7

Systematic Techniques: 26

Ecological Interests: 36 41 43  
50 55 60 65

Geographical Areas:

Organism Specialties:

Ecological Expertise: fate of xenobiotics in terrestrial and aquatic  
ecosystems, especially in higher plants and bacteria

#63

**Dr. Joseph W. Camp, Jr.**

Assistant Professor  
Mundelein College  
Department of Biology  
6363 Sheridan Road  
Chicago, IL 60660

Ph.D. Wake Forest University 1980

Phone (312) 262-8100 Ext. 525

Organisms Worked With: 11 13 15

Systematic Techniques:

Ecological Interests: 37 40 42 44  
52 66

Geographical Areas: DuPage and McLean Counties, Illinois

Organism Specialties:

Ecological Expertise: dynamics of parasite populations found in  
freshwater fishes, mollusks and crustaceans

#64

**Dr. Sidney Camras**

M.D.

5600 W. Addison Avenue #202  
Chicago, IL 60634

M.D. Illinois Medical School 1944

Phone (312) 777-8696

Organisms Worked With: 12

Systematic Techniques: 20 27 28

Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Diptera - Conopidae

Ecological Expertise:

#65

**Mr. Thomas P. Carroll**

Graduate Student  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

B.A. State Univ. of New York - Purchase 1983

Phone (217) 333-1298

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 38 40 42 43  
47 48 49 51 52 56 57 58

Geographical Areas: Piatt and Champaign Counties, Illinois;  
New York State

Organism Specialties: Acer saccharum

Ecological Expertise: community classification; environmental factors  
affecting mortality and crop size

#66

**Mr. Stephen R. Carter**

Senior Scientist  
Environ. Science & Engineering Inc.  
Midwest Office  
11665 Lilburn Park Road  
St. Louis, MO 63146

B.S. University of Illinois 1971

Phone (314) 567-4600

Organisms Worked With: 11 12 13 15 16

Systematic Techniques: 20 21 27 28

Ecological Interests: 37 38 39 41 42 43 44 45  
47 48 50 52 61 62

Geographical Areas: large midwestern river systems: Upper  
Mississippi, Missouri and Illinois Rivers

Organism Specialties: aquatic macroinvertebrates of the Midwest:

Ephemeroptera; Trichoptera; aquatic Diptera - Chironomidae; Oligochaeta  
Ecological Expertise: aquatic macroinvertebrate ecosystems (benthic,  
drift, aufwuchs); impact assessment, thermal studies, entrainment and  
impingement

#67

**Dr. Everett D. Cashatt**

Assoc. Curator/Coord. Zool. Res.  
 Illinois State Museum  
 Department of Zoology  
 Spring & Edwards  
 Springfield, IL 62704

Ph.D. Catholic University of America 1968  
 Phone (217) 782-6689

Organisms Worked With: 12  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 34 40 42  
 46 48 51 58  
 Geographical Areas: New World

Organism Specialties: microlepidoptera, Pyraloidea - Pyralidae  
 (Chrysauginae) and Pterophoridae  
 Ecological Expertise: life histories

#68

**Dr. Tsan Iang Chuang**

Professor  
 Illinois State University  
 Department of Biological Sciences  
 Normal, IL 61761

Ph.D. Univ. of California-Berkeley 1966  
 Phone (309) 438-7351

Organisms Worked With: 1  
 Systematic Techniques: 20 24 27 28 29  
 Ecological Interests: 34  
 51 59

Geographical Areas: central Illinois; western U.S.A., especially California

Organism Specialties: Scrophulariaceae - Cordylanthus, Orthocarpus, Castilleja; Umbelliferae - Perideridia  
 Ecological Expertise:

#69

**Mr. James M. Clark**

Graduate Student  
 University of Chicago  
 Department of Anatomy  
 1025 E. 57th Street  
 Chicago, IL 60637

M.A. Univ. of California-Berkeley 1984

Organisms Worked With: 10  
 Systematic Techniques: 20 23 27 28  
 Ecological Interests:

Geographical Areas: Colorado Plateau; Tamaulipas, Mexico

Organism Specialties: Crocodylia

Ecological Expertise:

#70

**Dr. Glen E. Collier**

Associate Professor  
 Illinois State University  
 Department of Biological Sciences  
 Normal, IL 61761

Ph.D. Cornell University 1976  
 Phone (309) 438-7280

Organisms Worked With: 12  
 Systematic Techniques: 22 26 33  
 Ecological Interests: 40 42 44  
 51 57

Geographical Areas:

Organism Specialties: Drosophila

Ecological Expertise:

#71

**Mr. Francis William Collins**

Chief, Environ. Analysis Branch  
 U.S. Corps Eng., Rock Island Distr.  
 Planning Div., Environ. Analysis Branch  
 Clock Tower Bldg. Annex  
 Rock Island, IL 61201

M.S. University of Louisville 1955  
 Phone (309) 788-6361 Ext. 2685

Organisms Worked With: 1 8 9 11 12 15  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 36 37 41 42 43 45  
 46 52 54 60 61 62 63

Geographical Areas: Kentucky

Organism Specialties:

Ecological Expertise: quail and deer ecology; surface mine reclamation

#72

**Mr. Patrick J. Conway**

4533 Stanley  
 Downers Grove, IL 60515

Phone (312) 852-5934

Organisms Worked With: 12  
 Systematic Techniques: 21 28  
 Ecological Interests: 34 42 43 45  
 50 52 54 60 61 62 63

Geographical Areas: North America, especially Illinois, Great Plains states, Upper Rocky Mountain states

Organism Specialties: Nearctic Lepidoptera, especially Rhopalocera  
 Ecological Expertise: distribution and identification of Rhopalocera;  
 (personal collection of 15,000+ specimens of Nearctic Lepidoptera)

#73

**Dr. Michael J. Corn**

Professor  
College of Lake County  
Division of Biological & Health Sciences  
19351 W. Washington Street  
Grayslake, IL 60030

Ph.D. University of Florida 1981  
Phone (312) 223-6601

Organisms Worked With: 10  
Systematic Techniques: 21 27 31  
Ecological Interests: 35 42 43  
48 49 57

Geographical Areas: Central America - Costa Rica; northeast Illinois  
- Lake, Cook, McHenry, DuPage, Kane and Will Counties  
Organism Specialties: Squamata, especially Anolis

Ecological Expertise:

#74

**Dr. Robert S. Corruccini**

Associate Professor  
Southern Illinois University  
Department of Anthropology  
Carbondale, IL 62901

Ph.D. Univ. of California-Berkeley 1975  
Phone (618) 536-6651

Organisms Worked With: 8  
Systematic Techniques: 20 23 27 30  
Ecological Interests:

51 53

Geographical Areas: India; Italy  
Organism Specialties: primates

Ecological Expertise:

#75

**Dr. Suzanne H. Costanza**

Research Associate  
University of Illinois  
Department of Agronomy  
1102 S. Goodwin Ave.  
Urbana, IL 61801

Ph.D. University of Illinois-U.C. 1984  
Phone (217) 333-0842

Organisms Worked With: 1 2 3  
Systematic Techniques: 20 27 28 29 33  
Ecological Interests: 35 36 40 41 42  
51 54 58 59 60

Geographical Areas:

Organism Specialties: extinct Coniferophytes - Cordaitales -  
Cordaitaceae - Mesoxylon, Pennsylvanioxylon; modern Poaceae - Eragrostis  
Ecological Expertise: paleoecology

#76

**Mr. Kirby D. Cottrell**

Hatcheries Program Manager  
Illinois Department of Conservation  
Sand Ridge Fish Hatchery  
P.O. Box 560  
Manito, IL 61546

M.S. University of Tennessee 1976  
Phone (309) 968-7531

Organisms Worked With: 11 7  
Systematic Techniques: 26  
Ecological Interests: 37 39 41 44 45  
58

Geographical Areas:

Organism Specialties:

Ecological Expertise: plankton dynamics

#77

**Mr. David C. Cowgill**

Physical Scientist  
U.S. Army Corps of Engineers  
North Central Division - NCDED-WQ  
536 S. Clark Street  
Chicago, IL 60605

M.S. Indiana University 1977  
Phone (312) 353-6354

Organisms Worked With:  
Systematic Techniques:  
Ecological Interests: 37 38 39 41 43 45  
50 55 56 62

Geographical Areas:

Organism Specialties:

Ecological Expertise: limnology, aquatic ecology, water and sediment  
chemistry

#78

**Dr. Joel Cracraft**

Associate Professor  
University of Illinois at Chicago  
Department of Anatomy  
P.O. Box 6998  
Chicago, IL 60680

Ph.D. Columbia University 1969  
Phone (312) 996-4955

Organisms Worked With: 9  
Systematic Techniques: 20 21 23 27  
Ecological Interests:

Geographical Areas: Australasia and tropical America

Organism Specialties: Aves

Ecological Expertise: biogeography and speciation analysis

#79

**Dr. David M. Craig**

Assistant Professor  
Rosary College  
Department of Natural Sciences  
7900 West Division  
River Forest, IL 60305

Ph.D. University of Illinois - Chicago 1980  
Phone (312) 366-2490 Ext. 403

Organisms Worked With: 12  
Systematic Techniques:  
Ecological Interests: 34 40 44  
48 51 55  
Geographical Areas:

Organism Specialties:

Ecological Expertise: population biology - group selection, life history theory, competition theory

#80

**Dr. J. Leland Crane**

Mycologist  
Illinois Natural History Survey  
Section of Botany & Plant Pathology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Maryland 1967  
Phone (217) 333-6887

Organisms Worked With: 5 6  
Systematic Techniques: 25 27 28 33  
Ecological Interests: 38 40 42

Geographical Areas: cypress swamps of southern Illinois; Neotropics

Organism Specialties: Hyphomycetes, Ascomycetes, Torula

Ecological Expertise:

#81

**Dr. David C. Culver**

Professor  
Northwestern University  
Dept. of Ecology & Evolutionary Biology  
Evanston, IL 60201

Ph.D. Yale University 1970  
Phone (312) 492-7199

Organisms Worked With: 1 12 13  
Systematic Techniques:  
Ecological Interests: 34 35 37 38 40 42  
51 58

Geographical Areas: Colorado, West Virginia, Virginia

Organism Specialties:

Ecological Expertise: cave biology; theoretical ecology; ant-plant interactions

#82

**Dr. Charles L. Davis**

Assistant Professor  
McKendree College  
Division of Science and Math  
901 College Road  
Lebanon, IL 62254

Ph.D. Oregon State University 1980  
Phone (618) 537-4481

Organisms Worked With: 10 12 15  
Systematic Techniques: 22 26 27  
Ecological Interests: 34 37 38 40 42  
51 52

Geographical Areas: Pacific Coast

Organism Specialties: Tribolium flour beetles; Thais snails

Ecological Expertise: ecological genetics, sex ratio evolution

#83

**Dr. Johannes M. J. DeWet**

Professor  
University of Illinois  
Department of Agronomy  
1102 S. Goodwin Ave.  
Urbana, IL 61801

Ph.D. Univ. of California-Berkeley 1952  
Phone (217) 333-9458

Organisms Worked With: 1  
Systematic Techniques: 22 24 26 27 28 31  
Ecological Interests: 34 43

Geographical Areas: Africa; Asia, especially India; tropical America, especially Mexico, Venezuela and Columbia

Organism Specialties: Poaceae

Ecological Expertise:

#84

**Dr. Jonathan P. Dey**

Associate Professor  
Illinois Wesleyan University  
Department of Biology  
Sherff Hall  
Bloomington, IL 61701

Ph.D. Duke University 1975  
Phone (309) 556-3060

Organisms Worked With: 6  
Systematic Techniques: 20 21 22 27 28 30  
Ecological Interests: 34 35 36 40 42 43  
47 48 50 52 63

Geographical Areas: Illinois; Mammoth Cave National Park, Kentucky; southern Appalachian Mountains

Organism Specialties: fruticose and foliose lichens

Ecological Expertise: lichen species inventory

#85

**Dr. Michael O. Dillon**

Assistant Curator  
Field Museum of Natural History  
Botany Department  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605-2496

Ph.D. University of Texas-Austin 1976  
Phone (312) 922-9410 Ext. 384

Organisms Worked With: 1  
Systematic Techniques: 21 24 27 28 29  
Ecological Interests:

Geographical Areas: Neotropics, especially Peru

Organism Specialties: Asteraceae

Ecological Expertise:

#86

**Dr. Boyce A. Drummond**

Assistant Professor  
Illinois State University  
Department of Biological Sciences  
Normal, IL 61761

Ph.D. University of Florida 1976  
Phone (309) 438-7694

Organisms Worked With: 12  
Systematic Techniques: 21 24 31  
Ecological Interests: 35 40 42  
46 48 51 52 58

Geographical Areas: McLean County, Illinois; Colorado, Arkansas; Ecuador

Organism Specialties: Lepidoptera - Rhopalocera (Papilionoidea), especially Nymphalidae - Ithomiinae  
Ecological Expertise: insect population ecology, tropical community ecology, behavioral and reproductive ecology of Lepidoptera

#87

**Ms. Heidi Lorentzen Dunn**

Aquatic Biologist  
Environ. Science & Engineering Inc.  
Ecology Division  
11665 Lilburn Park Road  
St. Louis, MO 63146

B.S. Purdue University 1979  
Phone (314) 567-4600

Organisms Worked With: 11 15 16  
Systematic Techniques:  
Ecological Interests: 37 38 39 41 43 45  
50 52

Geographical Areas: Mississippi River and tributaries; Missouri, Texas, Illinois

Organism Specialties: fish, especially Percids and Cyprinids; Unionidae; Oligochaeta  
Ecological Expertise:

#88

**Dr. Leonard Durham**

Director & Assistant Dean  
Eastern Illinois University  
Department of Environmental Biology  
Charleston, IL 61920

Ph.D. University of Illinois 1955  
Phone (217) 581-3011

Organisms Worked With: 10 11 15  
Systematic Techniques: 27  
Ecological Interests: 37 38 41 42 43 44 45  
48 50 52 56 62

Geographical Areas: Coles, Cumberland and Clark Counties, Illinois; Midwest states

Organism Specialties: Centrarchidae, Percidae

Ecological Expertise: fisheries management, age and growth of fishes, population studies

#89

**Mr. Jon R. Duyvejonck**

General Biologist  
U.S. Army Corps of Engineers  
Planning Division  
Clock Tower Building  
Rock Island, IL 61201

M.S. Illinois State University 1978  
Phone (309) 788-6361

Organisms Worked With: 11 15  
Systematic Techniques:  
Ecological Interests: 37 40 42  
50

Geographical Areas: Mississippi River, Pools 11-22; Mackinaw River, Illinois

Organism Specialties:

Ecological Expertise: distribution and movements of fishes in channelized streams

#90

**Dr. Anthony J. Dvorak**

Associate Division Director  
Argonne National Laboratory  
Environmental Research Division  
9700 S. Cass Avenue  
Argonne, IL 60439

Ph.D. University of Oklahoma 1973  
Phone (312) 972-3117

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 34 35 36 40 41 42 43  
50 57 61 63

Geographical Areas: Macoupin County, Illinois; Red Desert, Wyoming

Organism Specialties:

Ecological Expertise: grassland ecology; disturbed lands reclamation ecology and succession



#91

**Dr. William G. Dyer**  
 Professor & Associate Dean  
 Southern Illinois University  
 Department of Zoology  
 Carbondale, IL 62901

Ph.D. Colorado State University 1965  
 Phone (618) 536-2314

Organisms Worked With: 16 19  
 Systematic Techniques: 20 28  
 Ecological Interests: 37

Geographical Areas: Puerto Rico, Mexico, South America  
 Organism Specialties: digenetic trematodes of marine fish

Ecological Expertise:

#92

**Dr. Bohdan Dziadyk**  
 Assistant Professor  
 Augustana College  
 Department of Biology  
 639 38th Street  
 Rock Island, IL 61201

Ph.D. North Dakota State University 1982  
 Phone (309) 794-7331

Organisms Worked With: 1  
 Systematic Techniques: 21 27  
 Ecological Interests: 35 38 40 42 43  
 47 60 63 66

Geographical Areas: Rock Island County and the entire prairie  
 penninsula region, Illinois; Clay County, Minnesota  
 Organism Specialties: Poaceae

Ecological Expertise: grassland ecology, especially tallgrass prairie

#93

**Dr. John E. Ebinger**  
 Professor  
 Eastern Illinois University  
 Department of Botany  
 Charleston, IL 61920

Ph.D. Yale University 1961  
 Phone (215) 581-3525

Organisms Worked With: 1 2 3  
 Systematic Techniques: 27 28  
 Ecological Interests: 35 40 42  
 47 52

Geographical Areas: Illinois, Indiana  
 Organism Specialties: Poaceae of Illinois

Ecological Expertise: vegetation analysis of forest communities in  
 Illinois

#94

**Dr. William R. Edwards**  
 Ecologist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois-U.C. 1975  
 Phone (217) 333-6857

Organisms Worked With: 8 9  
 Systematic Techniques: 21 31  
 Ecological Interests: 34 35 40 41 42 43 45  
 48 50 52 54 56 58 59 60 61 62 63

Geographical Areas: Illinois; agricultural areas of the Midwest  
 prairies and their forest ecotones  
 Organism Specialties: Sylvilagus, Scolopax minor; Galliformes,  
 Zenaida macroura

Ecological Expertise: population ecology of upland game birds, mammals,  
 and their habitats; relationships of wildlife to intensive agriculture;  
 upland game wildlife management; secondary succession

#95

**Dr. Gary E. Eertmoed**  
 Professor  
 Chicago State University  
 Department of Biology  
 95th Street & King Drive  
 Chicago, IL 60628

Ph.D. University of Illinois 1969  
 Phone (312) 995-2206

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 27 28 30 31  
 Ecological Interests:  
 52

Geographical Areas: Illinois, Minnesota, Wisconsin, Michigan;  
 Ontario, Canada; Central America and South America  
 Organism Specialties: Insecta - Psocoptera

Ecological Expertise:

#96

**Mr. William J. Elzinga**  
 Biologist  
 Union Electric Company  
 Environmental Services  
 1901 Gratiot Street  
 St. Louis, MO 63166

M.S. S. Illinois Univ.-Edwardsville 1984  
 Phone (314) 554-3156

Organisms Worked With: 1 19  
 Systematic Techniques: 29  
 Ecological Interests: 35 40 42 43  
 50 52 59 61 63

Geographical Areas: southern Illinois; Callaway County, Missouri

Organism Specialties:

Ecological Expertise: plant ecology of forests and old fields

#97

**Dr. John J. Engel**

Associate Curator  
Field Museum of Natural History  
Department of Botany  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. Michigan State University 1972  
Phone (312) 922-9410

Organisms Worked With: 4  
Systematic Techniques: 21 27 28  
Ecological Interests:

Geographical Areas: New Zealand, Tasmania, southern South America

Organism Specialties: Hepaticae - Schistochilaceae, Geocalycaceae

Ecological Expertise:

#98

**Dr. Dan K. Evans**

Associate Professor/Curator  
Marshall University  
Department of Biological Sciences  
Hal Greer Blvd.  
Huntington, WV 25701

Ph.D. So. Illinois Univ.-Carbondale 1974  
Phone (304) 696-6467

Organisms Worked With: 1  
Systematic Techniques: 20 21 24 27 28  
Ecological Interests: 35 38 40 42 43  
47

Geographical Areas: Illinois, West Virginia

Organism Specialties: Cyperaceae - Carex

Ecological Expertise: wetland and riparian ecology

#99

**Dr. Robert A. Evers**

Botanist Emeritus  
Illinois Natural History Survey  
Department of Botany and Plant Pathology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Illinois 1952  
Phone (217) 333-6886

Organisms Worked With: 1 2 3  
Systematic Techniques:  
Ecological Interests: 35

Geographical Areas: Illinois, all counties

Organism Specialties:

Ecological Expertise: natural areas, hill prairies

#100

**Dr. Bill W. Falls**

Assistant Hatchery Manager  
Illinois Department of Conservation  
Sand Ridge Fish Hatchery  
Box 560  
Manito, IL 61546

Ph.D. University of Southern Mississippi 1983  
Phone (309) 968-7531

Organisms Worked With: 11  
Systematic Techniques: 20 26  
Ecological Interests:

Geographical Areas: Illinois water bodies, including Lake Michigan

Organism Specialties: Percichthyidae, Salmonidae, Ictaluridae,  
Centrarchidae, Cyprinidae, Esocidae  
Ecological Expertise:

#101

**Mrs. Judith L. Faulkner**

Nat. Areas Preservation Specialist  
The Nature Conservancy  
Southern Illinois Field Office  
RR 2 Box 178  
Murphysboro, IL 62966

M.A. So. Illinois Univ.-Carbondale 1972  
Phone (618) 684-2660

Organisms Worked With: 1 2 3 8 9  
Systematic Techniques:  
Ecological Interests: 35 36 41 42  
47 50 58 59 60 62

Geographical Areas:

Organism Specialties:

Ecological Expertise: natural area identification and management

#102

**Mr. George B. Fell**

Executive Director  
Natural Land Institute  
320 S. Third Street  
Rockford, IL 61108

M.S. University of Michigan 1940  
Phone (815) 964-6666

Organisms Worked With: 1 3  
Systematic Techniques:  
Ecological Interests: 36 39 42  
47 54 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: natural area preservation and management

#103

**Dr. John W. Fitzpatrick**

Associate Curator  
Field Museum of Natural History  
Division of Birds  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. Princeton University 1978  
Phone (312) 922-9410

Organisms Worked With: 9  
Systematic Techniques: 21 23 27 28 31  
Ecological Interests: 34 35 40 42  
46 48 51

Geographical Areas: Florida; Peru, Brazil, Venezuela

Organism Specialties: Passeriformes: Tyrannidae, Cotingidae, Pipridae, Corvidae, Formicariidae  
Ecological Expertise: island biogeography, foraging strategies, population dynamics and demography, evolution of social systems

#104

**Dr. Jack Fooden**

Research Associate  
Field Museum of Natural History  
Division of Mammals  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. University of Chicago 1960  
Phone (312) 922-9410 Ext. 275

Organisms Worked With: 8  
Systematic Techniques: 20 21 27 28  
Ecological Interests: 36 40 42  
46 51

Geographical Areas: southern and eastern Asia

Organism Specialties: primates - Macaca

Ecological Expertise: interspecific relationships

#105

**Dr. Susan M. Ford**

Assistant Professor  
Southern Illinois University  
Department of Anthropology  
Carbondale, IL 62901

Ph.D. University of Pittsburgh 1980  
Phone (618) 536-6651

Organisms Worked With: 8  
Systematic Techniques: 20 21 23 27  
Ecological Interests:

Geographical Areas: Neotropics

Organism Specialties: primates - Platyrrhini

Ecological Expertise:

#106

**Dr. George Lawrence Forman**

Professor & Chairman  
Rockford College  
Department of Biology  
5050 East State  
Rockford, IL 61101

Ph.D. University of Kansas 1969  
Phone (815) 226-4133

Organisms Worked With: 8  
Systematic Techniques: 20 24 27 31  
Ecological Interests:  
51

Geographical Areas: North America, Central America, Paleotropics

Organism Specialties: bats, especially Phyllostomidae, Vespertilionidae, Pteropidae

Ecological Expertise:

#107

**Dr. Merrill White Foster**

Professor  
Bradley University  
Department of Geological Sciences  
Peoria, IL 61625

Ph.D. Harvard University 1970

Phone (309) 676-7611 Ext. 462

Organisms Worked With: 15 17 19  
Systematic Techniques: 20 21 23 24 25 27 28 30 31  
Ecological Interests: 37 38 39 40 42 43  
46 47 48 50 51 52 58 63

Geographical Areas: central Illinois, seas around Antarctica and the subantarctic islands; seas around the Azores Islands

Organism Specialties: Hydrozoa, Scyphozoa - Terebratulida, Rhynchonellida, Strophomenida, Orthida, Spiriferica, Acrotretida - Prosobranchia

Ecological Expertise: marine ecology (brachiopods), community structure and interrelationships of communities, species and populations to physical, chemical, biological and geographic factors; Pennsylvanian plankton comm.

#108

**Dr. Robin B. Foster**

Research Associate  
Field Museum of Natural History  
Department of Botany  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. Duke University 1974  
Phone (312) 922-9410

Organisms Worked With: 1 2 3 12  
Systematic Techniques: 21 27 28 31  
Ecological Interests: 34 35 36 40 42  
47 48 50 51 52 58 59 60 62 63 66

Geographical Areas: South America and Central America, especially Peru, Ecuador, Panama and Costa Rica; Paleotropics

Organism Specialties: neotropical forest genera

Ecological Expertise: tropical forest community ecology and floristics

#109

**Dr. James S. Fralish**

Associate Professor  
Southern Illinois University  
Department of Forestry  
Carbondale, IL 62901

Ph.D. University of Wisconsin-Madison 1969  
Phone (618) 453-3341

Organisms Worked With: 1 2

Systematic Techniques:

Ecological Interests: 35 42 43 45

54 55 56 59 60 62 63 66

Geographical Areas: southern Illinois, western Kentucky

Organism Specialties:

Ecological Expertise: forest community-site relationships; succession models; site index models; forest community-fire relationships; habitat typing; natural areas

#110

**Dr. Dorothea S. Franzen**

Professor Emeritis  
Illinois Wesleyan University  
Department of Biology  
Bloomington, IL 61701

Ph.D. University of Kansas 1946  
Phone (309) 556-3187

Organisms Worked With: 15

Systematic Techniques: 20 24 27

Ecological Interests:

Geographical Areas: mollusk family Succineidae throughout the U.S.A.

Organism Specialties: mollusks: Pupillidae - Succineidae - Succinea,

Oxyloma, Catinella

Ecological Expertise:

#111

**Mr. Sanford Friedman**

Curator & Chairman  
Chicago Zoological Park  
Mammal Department  
3300 Golf Road  
Brookfield, IL 60513

B.S. State Univ. of New York-Stony Brook 1975

Organisms Worked With: 8 14

Systematic Techniques: 26

Ecological Interests: 34 41 44

46 48

Geographical Areas: Kankakee County, Illinois

Organism Specialties: Rodentia: Geomyidae - Geomys, Castoridae -

Castor; Carnivora: Mustelidae - Mustela, Gulo; Felidae - Panthera,

Felis

Ecological Expertise: parasite ecology; captive breeding and management

#112

**Dr. Richard C. Funk**

Professor  
Eastern Illinois University  
Department of Zoology  
Charleston, IL 61920

Ph.D. University of Kansas 1968  
Phone (217) 581-2926

Organisms Worked With: 12 14

Systematic Techniques: 21 23 27 28 30

Ecological Interests: 34 40 42

Geographical Areas: worldwide

Organism Specialties: Acari - Trigynaspida - Celaenopsoidae -

Euzerconidae, Diplogyniidae, Schizogyniidae

Ecological Expertise: phoresy and other symbiotic relationships

#113

**Dr. Keith Garbutt**

Research Associate  
Harvard University  
Dept. of Organismic & Evolutionary Biology  
16 Divinity Avenue  
Cambridge, MA 02138

Ph.D. University of Wales 1981  
Phone (617) 495-8791

Organisms Worked With: 1

Systematic Techniques: 26 31

Ecological Interests: 34 42 44 45

48 51 55 57 58 59 65 66

Geographical Areas: Champaign County, Illinois; Great Britain

Organism Specialties: Cruciferae - Capsella, Sinapis

Ecological Expertise: ecological genetics, demography, reproductive biology, plant breeding; effects of elevated carbon dioxide concentrations

#114

**Mr. Scott P. Garrow**

District Wildlife Manager  
Illinois Department of Conservation  
Fish & Wildlife Resources  
P.O. Box 395  
Lisle, IL 60532

B.S. Univ. of Wisconsin-Stevens Point 1975  
Phone (312) 964-5132

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 36 41 45

62

Geographical Areas: Cook, Lake, McHenry and DuPage Counties, Illinois

Organism Specialties:

Ecological Expertise: urban wildlife ecology

#115

**Dr. Nancy C. Garwood**

Assistant Professor  
Loyola University of Chicago  
Department of Biology  
6525 N. Sheridan Road  
Chicago, IL 60626

Ph.D. University of Chicago 1979  
Phone (312) 508-3284

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 34 35 40 42 43  
51 58 63  
Geographical Areas: Cook County, Illinois; Panama; Papua New Guinea  
Organism Specialties:  
Ecological Expertise: tropical plant ecology; pollination ecology

#116

**Dr. William G. George**

Professor  
Southern Illinois University  
Department of Zoology  
Carbondale, IL 62901

Ph.D. University of Arizona 1961  
Phone (618) 536-2314

Organisms Worked With: 8 9  
Systematic Techniques: 20 21 27 31  
Ecological Interests: 34 35 36 40 41 42 43 44  
46 48 51 52  
Geographical Areas: Union County and adjacent areas, Illinois  
Organism Specialties: Mammalia - Felis, Mustella; most orders;  
Aves - oscines; Indicatoridae  
Ecological Expertise: predator-prey relationships between the domestic  
cat and the vertebrate fauna

#117

**Dr. Robert V. Gessner**

Associate Professor  
Western Illinois University  
Department of Biological Sciences  
Macomb, IL 61455

Ph.D. University of Rhode Island 1975  
Phone (309) 298-1145

Organisms Worked With: 5  
Systematic Techniques: 21  
Ecological Interests: 34 35 37 40 41 42  
48 52 63  
Geographical Areas: west central Illinois  
Organism Specialties: higher fungi, morels, ectomycorrhizae  
Ecological Expertise: fungal ecology, saltmarsh fungi, marine fungi

#118

**Dr. Lowell L. Getz**

Professor  
University of Illinois  
Dept. of Ecology, Ethology & Evolution  
606 E. Healey Street  
Champaign, IL 61820

Ph.D. University of Michigan 1960  
Phone (217) 333-6516

Organisms Worked With: 8 15  
Systematic Techniques:  
Ecological Interests: 34 40 43 45  
46 48 52  
Geographical Areas: Champaign County, Illinois  
Organism Specialties: gastropods  
Ecological Expertise: population ecology

#119

**Mr. William D. Glass**

Natural Heritage Biologist  
Illinois Department of Conservation  
One First National Bank Plaza, Suite 519  
17th and Halsted Streets  
Chicago, IL 60411

M.S. University of Illinois - Chicago 1982  
Phone (312) 754-0947

Organisms Worked With: 1  
Systematic Techniques: 21  
Ecological Interests: 34 41 42  
62  
Geographical Areas: northern Iowa; Illinois  
Organism Specialties: Asclepidaceae, Fabaceae, Solidago  
Ecological Expertise: prairies, natural areas

#120

**Dr. Sidney F. Glassman**

Professor  
University of Illinois at Chicago  
Department of Biological Sciences  
P.O. Box 4348  
Chicago, IL 60680

Ph.D. University of Oklahoma 1950  
Phone (312) 996-2993

Organisms Worked With: 1  
Systematic Techniques: 20 21 22 27 28  
Ecological Interests: 40  
51  
Geographical Areas: Brazil, Columbia, Venezuela, Peru; Central  
America  
Organism Specialties: Palmae, especially genera in the Cocos alliance  
Ecological Expertise: vegetation of northeast Brazil and of palm  
communities

#121

**Dr. George L. Godfrey**  
Associate Insect Taxonomist  
Illinois Natural History Survey  
Sect. Faunistics & Insect Identification  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. Cornell University 1970  
Phone (217) 333-6846

Organisms Worked With: 12  
Systematic Techniques: 21 27 28 33  
Ecological Interests: 35 40 42 45  
46 47 48 58  
Geographical Areas: Midwest and Rocky Mountain states

Organism Specialties: Lepidoptera - Noctuidae and Notodontidae

Ecological Expertise:

#122

**Ms. Doris Armstrong Goldman**  
Graduate Student  
University of Illinois  
Dept. of Ecology, Ethology & Evolution  
606 E. Healey Street  
Champaign, IL 61820

M.S. Ohio State University 1976  
Phone (217) 333-2235

Organisms Worked With: 1 12  
Systematic Techniques: 26 31  
Ecological Interests: 34 37 40 41 42 44  
48 49 53 55 56 58 59  
Geographical Areas: Spring Lake Conservation Area and Vermilion  
County, Illinois; central Ohio  
Organism Specialties: Zizania, Helianthus, Corylus; Apoidea

Ecological Expertise: pollination of Asteraceae and Corylus; Zizania  
biology; composition of fruit pulps; foraging behavior of flower-visiting  
insects; sex ratios; human energy budgets

#123

**Mr. Robert Dan Gooch**  
Superintendent Natural Resources  
Forest Preserve Dist. DuPage Co.  
Natural Resources Department  
185 Spring Street/P.O. Box 2339  
Glen Ellyn, IL 60138

M.S. Iowa State University 1972  
Phone (312) 790-4900

Organisms Worked With: 1 3 4 5 7 8 9 10 11 12 13 15  
Systematic Techniques: 21 27 31  
Ecological Interests: 34 35 36 37 38 39 40 42  
47 48 50 52 61 62 63  
Geographical Areas: DuPage County, Illinois

Organism Specialties: pteridophytes, bryophytes, algae

Ecological Expertise: reproduction of ferns

#124

**Dr. Michael A. Goodrich**  
Professor & Chairman  
Eastern Illinois University  
Department of Zoology  
Charleston, IL 61920

Ph.D. Pennsylvania State University 1964  
Phone (217) 581-3126

Organisms Worked With: 10 12  
Systematic Techniques: 20 21 23 27 28  
Ecological Interests:

Geographical Areas:  
Organism Specialties: New World Cetoniinae (Scarabaeidae-Coleoptera),  
world Byturidae (Coleoptera)  
Ecological Expertise:

#125

**Ms. Dianna M. Goodwin**  
Graduate Student  
University of Illinois at Chicago  
Department of Biological Sciences  
P.O. Box 4348  
Chicago, IL 60680

M.S. Univ. of California-Davis 1978  
Phone (312) 996-2603

Organisms Worked With: 1 12  
Systematic Techniques: 27  
Ecological Interests: 44 45  
46 48 51 52 58 59 60 65 66  
Geographical Areas: Kane & McHenry Counties, Illinois

Organism Specialties: Diabrotica virgifera, D. longicornis

Ecological Expertise: agricultural ecology, insect/weed pest  
management, insect evolution

#126

**Dr. Robert W. Gorden**  
Section Head  
Illinois Natural History Survey  
Section of Aquatic Biology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Georgia 1967  
Phone (217) 333-6890

Organisms Worked With: 19  
Systematic Techniques:  
Ecological Interests: 37 38 39 40 41 42 43 44 45  
49 63 66

Geographical Areas: Mississippi River at Pools 19 and 26;  
Marion County, Illinois  
Organism Specialties:

Ecological Expertise: microbial ecology; bacterial activities in  
freshwater and thermal ecosystems; methane production

#127

**Mr. Keith C. Govro**

Department Head  
 Environ. Science & Engineering Inc.  
 Ecology Department  
 11665 Lilburn Park Road  
 St. Louis, MO 63146

M.S. Iowa State University 1977  
 Phone (314) 567-4600

Organisms Worked With: 1 2 7 8 9 10 11

Systematic Techniques:

Ecological Interests: 34 35 36 37 38 39 40 41 42 43 45  
 47 50 52 56 61 62

Geographical Areas: central Illinois; central and northern Missouri;  
 central and south-central U.S.

Organism Specialties:

Ecological Expertise: water quality impacts on biotic systems; aquatic toxicology; limnology; ecological impact assessment; community-habitat description; land usage relative to water quality

#128

**Dr. Russell W. Graham**

Associate Curator  
 Illinois State Museum  
 Department of Vertebrate Paleontology  
 Spring and Edwards  
 Springfield, IL 62706

Ph.D. University of Texas-Austin 1976  
 Phone (217) 785-4844

Organisms Worked With: 8

Systematic Techniques: 20 21 27 28

Ecological Interests: 35 36 40 42

47 51 53 54 58 66

Geographical Areas: Illinois; eastern Missouri

Organism Specialties: insectivores - Soricidae; Proboscidea;  
 rodents - microtines

Ecological Expertise: paleoecology, community evolution

#129

**Dr. David W. Greenfield**

Dean & Assoc. Provost for Research  
 Northern Illinois University  
 The Graduate School  
 De Kalb, IL 60115

Ph.D. University of Washington 1966  
 Phone (815) 753-1883

Organisms Worked With: 11

Systematic Techniques: 21 22 23 24 26 27 28

Ecological Interests: 38 40 42

46 47 50 51

Geographical Areas: northern Illinois; Central America, especially  
 Belize and Honduras

Ecological Expertise: resource sharing, competition, community structure

#130

**Dr. Thomas Alan Griffiths**

Assistant Professor  
 Illinois Wesleyan University  
 Department of Biology  
 Beecher Avenue  
 Bloomington, IL 61702

Ph.D. University of Massachusetts 1981  
 Phone (309) 556-3230

Organisms Worked With: 8

Systematic Techniques: 20 21 23 27 28 33

Ecological Interests:

51

Geographical Areas: central Illinois; New England; upstate New York;  
 Central America; South America; West Indies

Organism Specialties: Chiroptera, especially Phyllostomidae and  
 Vespertilionidae

Ecological Expertise:

#131

**Dr. Paul Gross**

Assistant Professor  
 University of Maryland  
 Department of Entomology  
 College Park, MD 20742

Ph.D. University of Illinois 1985  
 Phone (301) 454-7124

Organisms Worked With: 1 2 12

Systematic Techniques:

Ecological Interests: 34 35 40 42 45

46 48 51 52 58 63 65

Geographical Areas: Mason Co., Illinois; Maryland

Organism Specialties: Lepidoptera, Hymenoptera

Ecological Expertise: three trophic levels interactions; parasitoid  
 ecology

#132

**Mr. Robert F. Gruenewald**

430 George St.  
 Clifton, IL 60927

Phone (815) 694-2554

Organisms Worked With: 1 2 3 5 8 9 10 11 12 14

Systematic Techniques: 21 28

Ecological Interests: 34 37 40

52

Geographical Areas: east central Illinois; northeast Iowa

Organism Specialties:

Ecological Expertise: wildlife population dynamics

#133

**Dr. Robert W. Guth**

Executive Director  
RPF Ecological Associates, Inc.  
727 Reba Place  
Evanston, IL 60202-2616

Ph.D. Northwestern University 1980  
Phone (312) 328-5915

Organisms Worked With: 1 9

Systematic Techniques: 21

Ecological Interests: 34 35 42 43 45  
47 48 50 51 52 58 63

Geographical Areas: northern and central Illinois; northern Indiana  
Organism Specialties: Columbiformes, Piciformes, Passeriformes

Ecological Expertise: urban birds; agricultural wildlife; prairie  
vegetation and birds

#134

**Mrs. Martha E. Hall**

Phycologist  
WAPORA Inc.  
11916 Glenpark Drive  
Maryland Heights, MO 63043

M.S. Eastern Illinois University 1974  
Phone (314) 298-0163

Organisms Worked With: 7

Systematic Techniques: 20 21 24 27 28

Ecological Interests: 37 38 39 41 42 43 44 45  
47 50 52 63

Geographical Areas: Midwest states  
Organism Specialties: freshwater algae

Ecological Expertise: freshwater phytoplankton and periphyton; limnology

#135

**Dr. Robert W. Hamilton**

Professor  
Loyola University of Chicago  
Department of Biology  
6525 North Sheridan Road  
Chicago, IL 60626

Ph.D. Ohio State University 1969  
Phone (312) 274-3000 Ext. 3628

Organisms Worked With: 12 19

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 40 41 42 43 45  
48 52 58 66

Geographical Areas: Illinois prairies, especially northern Illinois;  
North America

Organism Specialties: Curculionoidea - Nemonychidae, Attelabidae,  
Rhynchitidae

Ecological Expertise: arthropod diversity

#136

**Dr. Lonnie Paul Hansen**

Assistant Wildlife Ecologist  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Illinois 1978  
Phone (217) 333-6856

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 40 41 42 43 45  
46 48 52 55 62

Geographical Areas: Piatt and McClean Counties, Illinois

Organism Specialties:

Ecological Expertise: population dynamics and life history strategies  
of woodland rodents; harvest, management and ecology of white-tailed deer

#137

**Mr. Philip C. Hanson**

Head of Group Programs  
Field Museum of Natural History  
Department of Education  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

M.S. Northeastern Illinois University 1975  
Phone (312) 922-9410 Ext. 201

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 35 42 43  
52 54 66

Geographical Areas: Cook and adjacent Counties, Illinois

Organism Specialties:

Ecological Expertise: prairie and natural areas; history of disturbance

#138

**Mr. Dennis M. Harman**

Graduate Student  
Southern Illinois University  
Department of Zoology  
Carbondale, IL 62901

M.A. So. Illinois Univ.-Carbondale 1978  
Phone (618) 536-2314

Organisms Worked With: 8 19

Systematic Techniques:

Ecological Interests: 34 35 40 42  
47 48 52 58

Geographical Areas: Saline and Jackson Counties, Illinois

Organism Specialties:

Ecological Expertise: Microtus population ecology; life history and  
ecology of small mammal populations in grassland/old field communities;  
demographic/reproductive variables related to population growth & density



#139

**Mr. Ralph L. Harnishfeger**  
 Researcher II  
 Southern Illinois University  
 Zoology Dept./Coop Wildlife Research Lab  
 Life Science II  
 Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1984  
 Phone (618) 536-2120

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 35 36 37 38 39 41 42 45  
 48 52 55 58 61 62

Geographical Areas: Jackson and Williamson Counties, Illinois

Organism Specialties:

Ecological Expertise: habitat requirements, management and demography/  
 life history of small game mammals and furbearers

#140

**Mr. Francis M. Harty**  
 Regional Administrator  
 Illinois Department of Conservation  
 Div. Forest Resources & Natural Heritage  
 #8 Henson Place  
 Champaign, IL 61820

M.S. So. Illinois Univ.-Carbondale 1979  
 Phone (217) 333-5773

Organisms Worked With: 1 2 3 8 9

Systematic Techniques: 20 21 27

Ecological Interests: 34 35 36 40 41 42 43 45  
 47 50 52 54 58 59 60 62 66

Geographical Areas: northeastern, northwestern, east central and southern Illinois

Organism Specialties:

Ecological Expertise: natural areas inventory and management;  
 endangered species inventory and management; synecology of Illinois  
 natural communities

#141

**Mr. Robert Aden Hattaway**  
 Assistant Professor  
 North Park College  
 Department of Biology  
 5125 N. Spalding Ave.  
 Chicago, IL 60625

M.S. University of Tennessee 1973

Phone (312) 583-2700 Ext. 394

Organisms Worked With: 1 2 3 4 5 6 7

Systematic Techniques: 21 23 27 28

Ecological Interests: 35 36 42 43  
 47

Geographical Areas: Australasia; Patagonia; Florida Everglades; southern Appalachians; Georgia

Organism Specialties: Bryophyta - Ptychomniaceae - Ptychomnion,  
 Cladomniopsis, Cladomnion, Hampeella, Glyphotoecium, Tetrapiodopsis  
 and Dichelodontium

Ecological Expertise: corticolous and saxicolous bryophytes of limestone  
 sinks and associated vascular flora

#142

**Dr. Larry A. Hauser**  
 Bristol-Meyers Company  
 Biostatistics and Data Management Group  
 Research and Development Division  
 2404 Pennsylvania Avenue  
 Evansville, IN 47721

Ph.D. University of Notre Dame 1982  
 Phone (812) 426-6695

Organisms Worked With: 1

Systematic Techniques: 20 21 22 23 24 27 28 30

Ecological Interests: 34 40 42  
 48 50 51 52 55 58 60 65

Geographical Areas: central Illinois; prairies; western North America, especially the Intermountain region

Organism Specialties: Brassicaceae - Thelypodium, Thelypodopsis,  
 Stanleya, Caulanthus

Ecological Expertise:

#143

**Dr. Stephen Paul Havera**  
 Associate Wildlife Ecologist  
 Illinois Natural History Survey  
 Wildlife Section  
 Box 599/River Research Laboratory  
 Havana, IL 62644

Ph.D. University of Illinois 1978  
 Phone (309) 543-3950

Organisms Worked With: 1 8 9

Systematic Techniques: 20 27 28 31

Ecological Interests: 34 35 36 38 40 41 42 43 44 45  
 50 57 58

Geographical Areas: Illinois, especially the Illinois and Mississippi River valleys

Organism Specialties: Anatidae; Scuridae

Ecological Expertise: nutrition, physiological ecology, population  
 dynamics, management, reproductive physiology of wildlife

#144

**Dr. Robert C. Haynes**  
 Associate Professor  
 Sangamon State University  
 Biology Program  
 Shepherd Road  
 Springfield, IL 62708

Ph.D. University of New Hampshire 1971  
 Phone (217) 786-6630

Organisms Worked With: 7 13

Systematic Techniques:

Ecological Interests: 38 41 42 43 44  
 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: freshwater and saline lakes

#145

**Dr. James Edward Heath**

Professor  
University of Illinois  
Department of Physiology & Biophysics  
407 S. Goodwin Avenue  
Urbana, IL 61801

Phone (217) 333-2832

Organisms Worked With: 8 9 10 12

Systematic Techniques: 20 21 27

Ecological Interests: 40 42 43

46 51 57 58 66

Geographical Areas: southwest U.S.A.; northeast U.S.A. woodlands;  
Argentina

Organism Specialties: Insecta - Cicadadae

Ecological Expertise: adaptation physiology

#146

**Dr. Maxine Shoemaker Heath**

Visiting Assistant Professor  
University of Illinois  
Department of Physiology & Biophysics  
524 Burrill Hall/407 South Goodwin  
Urbana, IL 61801

Ph.D. University of Florida 1978

Phone (217) 333-2832

Organisms Worked With: 12

Systematic Techniques: 20 21 23 27 28 33

Ecological Interests: 40 42

46 51 52 56 57 58 66

Geographical Areas: Arizona, New Mexico, Colorado, Utah, Texas;  
Argentina

Organism Specialties: Cicadidae

Ecological Expertise: insect host-plant specificity, thermoregulation,  
activity cycles, communication, mating, predator avoidance; evolutionary  
history and biogeography

#147

**Dr. Roy C. Heidinger**

Professor & Assistant Director  
Southern Illinois University  
Fisheries Research Laboratory  
Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1970

Phone (618) 536-7761

Organisms Worked With: 11

Systematic Techniques: 22 26 31

Ecological Interests: 37 38 39

46 50 52 57 61 62 64

Geographical Areas: U.S.A.

Organism Specialties:

Ecological Expertise:

#148

**Mr. Randy R. Heidorn**

District Heritage Biologist  
Illinois Department of Conservation  
Div. of Forest Resources & Nat. Heritage  
110 James Road  
Spring Grove, IL 60081

M.A. So. Illinois Univ.-Carbondale 1982

Phone (815) 675-2385

Organisms Worked With: 1 8 9 10

Systematic Techniques:

Ecological Interests: 34 35 36 38 41 42 43 45

47 50 52 54 62 63 65

Geographical Areas: northeast Illinois

Organism Specialties:

Ecological Expertise: natural areas, especially wetlands and prairies;  
endangered animal population management, especially terns and bats;  
control of exotic plants

#149

**Mr. Charles George Helm**

Associate Supportive Scientist  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. University of Illinois 1973

Phone (217) 333-1005

Organisms Worked With: 1 12

Systematic Techniques: 20 21 22 27

Ecological Interests: 36 41 45

46 52 58 59 65

Geographical Areas: Champaign, DeKalb, Pope, Madison, Monroe, Logan,  
Clark, Crawford and Coles Counties, Illinois

Organism Specialties: Chrysomelidae - Cerotoma; Coccinellidae -  
Epicachna; Noctuidae - Plathypena; Glycine max, Abutilon theophrasti,  
Xanthium pennsylvanicum

Ecological Expertise: agroecosystems; sampling of insects; insect  
overwintering, spring emergence and migration patterns; insect and weed  
interference with agricultural crops

#150

**Ms. Alice Scott Henry**

RR #1

Macomb, IL 61455

M.S. Western Illinois University 1978

Phone (309) 298-1472

Organisms Worked With: 1 2 3

Systematic Techniques: 33

Ecological Interests:

Geographical Areas: west central Illinois

Organism Specialties:

Ecological Expertise:

#151

**Dr. Robert D. Henry**  
Herbarium Curator  
Western Illinois University  
R.M. Myers Herbarium  
Macomb, IL 61455

Ph.D. Ohio State University 1958  
Phone (309) 298-1472

Organisms Worked With: 1 2 3  
Systematic Techniques: 33  
Ecological Interests:

Geographical Areas: west central Illinois  
Organism Specialties:

Ecological Expertise:

#152

**Dr. Edwin E. Herricks**  
Associate Professor  
University of Illinois  
Department of Civil Engineering  
208 N. Romaine  
Urbana, IL 61801

Ph.D. Johns Hopkins University 1974  
Phone (217) 333-0997

Organisms Worked With: 11 12  
Systematic Techniques:  
Ecological Interests: 37 38 39 40 41 42 43 45  
47 50 61 62 64  
Geographical Areas: Illinois, Colorado, Pennsylvania

Organism Specialties:

Ecological Expertise: aquatic ecology, environmental management, stream system/watershed management

#153

**Dr. David Filbert Hess**  
Associate Professor  
Western Illinois University  
Department of Geology  
Tillman Hall, W. Adams Street  
Macomb, IL 61455

Ph.D. Indiana University 1967  
Phone (309) 837-9362

Organisms Worked With: 12  
Systematic Techniques: 21 27 28  
Ecological Interests: 34 35 40 42 45  
46 47 50 58  
Geographical Areas: West-central Illinois; Missouri, Arkansas, Indiana, Ohio & Pennsylvania  
Organism Specialties: Cercyonis pegala; Rhopalacera of prairie and savannah of west-central Illinois  
Ecological Expertise: Biology, biogeography & behavior of Cercyonis pegala; ecology of prairie insects, especially Rhopalacera; geological and physiographic influences on insect distribution

#154

**Dr. William J. Hess**  
Curator  
The Morton Arboretum  
Research Department  
Lisle, IL 60532

Ph.D. University of Oklahoma 1967  
Phone (312) 968-0074

Organisms Worked With: 1  
Systematic Techniques: 21 24 27 28 30 31  
Ecological Interests: 34 40 42  
46  
Geographical Areas: southwestern states; southeastern states; northern Mexico  
Organism Specialties: Rosaceae - Vauquelinia, Spiraea; Aceraceae; Caprifoliaceae; Eriogonum; Tilia; Symplocarpus; Cornus  
Ecological Expertise: phenology as it relates to energy release and pollination

#155

**Dr. Clifford W. Hesseltine**  
Chief Fermentation Lab  
Northern Regional Research Center  
1815 N. University Ave.  
Peoria, IL 61614

Ph.D. University of Wisconsin 1950  
Phone (312) 691-9608

Organisms Worked With: 5  
Systematic Techniques: 27 28  
Ecological Interests: 35 38 41 43

Geographical Areas: Illinois; worldwide  
Organism Specialties: Mucorales, Phycomycetes

Ecological Expertise: fungi in cultivated fields, especially corn fields

#156

**Mr. Steve L. Heydon**  
Graduate Student  
Illinois Natural History Survey  
Section of Faunistic Surveys  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. University of Illinois 1984  
Phone (217) 333-6846

Organisms Worked With: 12  
Systematic Techniques: 23 27 30  
Ecological Interests: 35 40 42  
48  
Geographical Areas: Champaign County, Illinois; eastern states

Organism Specialties: Hymenoptera - Pteromalidae - Miscogasterinae

Ecological Expertise:

#157

**Dr. Larry R. Hoffman**

Professor  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. University of Texas 1961  
Phone (217) 333-0048

Organisms Worked With: 7  
Systematic Techniques: 24 27 28 30 31 33  
Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: green algae - Oedogoniales, Sphaeropleales,  
Cylindrocapsales  
Ecological Expertise:

#158

**Dr. Donald F. Hoffmeister**

Director  
University of Illinois  
Museum of Natural History  
1301 W. Green Street  
Urbana, IL 61801

Ph.D. Univ. of California-Berkeley 1944  
Phone (217) 333-2517

Organisms Worked With: 8  
Systematic Techniques: 21 27 28  
Ecological Interests: 34

Geographical Areas: Illinois; Arizona; much of the Southwest; parts of  
Mexico

Organism Specialties: mammals, especially Peromyscus, other cricetine  
rodents, bats and shrews  
Ecological Expertise: life history of various rodents and other mammals

#159

**Dr. Joyce E. Hofmann**

Visiting Research Associate  
University of Illinois  
Dept. of Ecology, Ethology & Evolution  
606 E. Healey Street  
Champaign, IL 61820

Ph.D. University of Illinois 1978  
Phone (217) 333-1631

Organisms Worked With: 8  
Systematic Techniques:  
Ecological Interests: 34 40 43 45  
46 48 52

Geographical Areas: Champaign County, Illinois

Organism Specialties:

Ecological Expertise: population dynamics and behavioral ecology of  
small mammals

#160

**Mr. Kevin P. Hogan**

Graduate Student  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

M.S. University of Illinois 1982  
Phone (217) 333-4396

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 34 40 42  
48 49 51 55 57 59

Geographical Areas: Panama

Organism Specialties:

Ecological Expertise: plant demography, ecology of plant architecture,  
plant physiological ecology

#161

**Mr. Eugene W. Holmes**

706 W. Eleanor Place  
Peoria, IL 61604

M.A. Bradley University 1956  
Phone (309) 685-5661

Organisms Worked With: 10  
Systematic Techniques: 26  
Ecological Interests: 34 40 42 45  
50

Geographical Areas: Peoria, Tazewell and Woodford Counties, Illinois

Organism Specialties:

Ecological Expertise:

#162

**Mr. Bruce W. Horn**

Microbiologist  
Northern Regional Research Center  
Fermentation Laboratory  
1815 N. University  
Peoria, IL 61604

M.A. University of Kansas 1980  
Phone (309) 685-4011

Organisms Worked With: 5  
Systematic Techniques:  
Ecological Interests: 34 35 40 41 42 44  
48 57 58 59 63 64

Geographical Areas:

Organism Specialties: Penicillium, Aspergillus

Ecological Expertise: ecology of cereal fungi

#163

**Dr. Lynne D. Houck**

Assistant Professor  
University of Chicago  
Department of Biology  
1103 E. 57th Street  
Chicago, IL 60637

Ph.D. Univ. of California-Berkeley 1977  
Phone (312) 962-3401

Organisms Worked With: 10  
Systematic Techniques: 31  
Ecological Interests: 34 40 42  
46 48 51

Geographical Areas: North Carolina, Tennessee, Virginia

Organism Specialties: Urodeles: Plethodontidae - Desmognathus;  
Ambystomatidae - Ambystoma  
Ecological Expertise: life history studies

#164

**Mr. George F. Hubert Jr**

Furbearer Biologist  
Illinois Department of Conservation  
Division Fish & Wildlife Resources  
P.O. Box 728  
Hinckley, IL 60520-0728

M.S. Colorado State University 1974  
Phone (815) 286-7434

Organisms Worked With: 8  
Systematic Techniques:  
Ecological Interests: 34 36 41 42 43 45  
48 52 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: wildlife and furbearer management, furbearer biology

#165

**Dr. Michael J. Huft**

Visiting Assistant Curator  
Field Museum of Natural History  
Department of Botany  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. University of Michigan 1979  
Phone (312) 922-9410

Organisms Worked With: 1  
Systematic Techniques: 21 27 28 30  
Ecological Interests:

Geographical Areas: southern states; Neotropics, especially Mexico and Central America

Organism Specialties: Euphorbiaceae; Loganiaceae; Eriocaulaceae;  
Amaryllidaceae - Hypoxis  
Ecological Expertise:

#166

**Dr. Lawrence Barrie Hunt**

Professor  
Eastern Illinois University  
Department of Zoology  
Charleston, IL 61920

Ph.D. University of Wisconsin-Madison 1968  
Phone (217) 581-2817

Organisms Worked With: 9  
Systematic Techniques:  
Ecological Interests: 34 35 40 42 43  
46 48 52 63

Geographical Areas: Coles County and east central Illinois; Sonoran Desert, Arizona

Organism Specialties:

Ecological Expertise: migrational phenology, breeding biology and seral preferences of midwestern birds

#167

**Mr. Max Donald Hutchison**

Field Representative  
Natural Land Institute  
RR 1  
Belknap, IL 62908

B.S. Southern Illinois University 1961  
Phone (618) 658-8654

Organisms Worked With: 1 2 3 8 9 10 11 12  
Systematic Techniques: 21  
Ecological Interests: 35 36 38 39 40 41 42  
47 50

Geographical Areas: southern Illinois; southern Indiana

Organism Specialties:

Ecological Expertise: presettlement landscape character

#168

**Dr. Theodore Hymowitz**

Professor  
University of Illinois  
Department of Agronomy  
1102 South Goodwin Ave.  
Urbana, IL 61801

Ph.D. Oklahoma State University 1963  
Phone (217) 333-9454

Organisms Worked With: 1  
Systematic Techniques: 21 22 24 26 27 33  
Ecological Interests:

Geographical Areas: Australia, South Pacific; East Asia

Organism Specialties: Fabaceae - Glycine and allied genera

Ecological Expertise:

#169

**Mr. Francis M. Imboden**  
District Fishery Biologist  
Illinois Department of Conservation  
Division Fish & Wildlife Resources  
P.O. Box 3  
Sparta, IL 62286

M.S. So. Illinois Univ.-Carbondale 1974  
Phone (618) 443-2925

Organisms Worked With: 11

Systematic Techniques:

Ecological Interests: 37 41 42 43 44 45  
52 61 62 65

Geographical Areas: Clinton, Monroe, Randolph, St. Clair and  
Washington Counties, Illinois  
Organism Specialties:

Ecological Expertise:

#170

**Dr. Robert F. Inger**  
Curator  
Field Museum of Natural History  
Department of Zoology  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. University of Chicago 1954  
Phone (312) 922-9410

Organisms Worked With: 10

Systematic Techniques: 21 27 33

Ecological Interests: 34 35 40 42 42  
47 51 47 50

Geographical Areas:

Organism Specialties: anurans, lizards, snakes

Ecological Expertise: organization and evolution of communities;  
population fluctuations; diversity

#171

**Dr. Michael E. Irwin**  
Associate Professor  
Illinois Natural History Survey  
Agricultural Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. Univ. of California-Riverside 1971  
Phone (217) 333-1965

Organisms Worked With: 1 12

Systematic Techniques: 21 22 23 27 31

Ecological Interests: 36 40 41 42 45  
46 51 54 58

Geographical Areas: worldwide

Organism Specialties: Diptera - Therevidae, Cracycera

Ecological Expertise: behavioral ecology, agroecosystems, desert  
ecosystems, sandy soils, dispersal and migration

#172

**Mr. Roderick R. Irwin**  
Research Affiliate  
Illinois Natural History Survey  
Section of Faunistic Surveys  
24 East 99th Place  
Chicago, IL 60628

B.A. Chicago State University 1980  
Phone (312) 468-1124

Organisms Worked With: 12

Systematic Techniques: 20 27 28

Ecological Interests: 34 42  
48 52

Geographical Areas: Illinois

Organism Specialties: Lepidoptera

Ecological Expertise: distribution of butterflies in Illinois

#173

**Dr. Louis Robert Iverson**  
Assistant Professional Botanist  
Illinois Natural History Survey  
Section of Botany & Plant Pathology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of North Dakota 1981  
Phone (217) 333-8907

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 41 42 43  
50 54 56 57 59 60 61 62 63

Geographical Areas:

Organism Specialties:

Ecological Expertise: reclamation of mined lands

#174

**Dr. Joseph D. Ives**  
Associate Professor  
Western Illinois University  
Department of Biological Sciences  
Macomb, IL 61455

Ph.D. University of Minnesota 1967  
Phone (309) 298-1164

Organisms Worked With: 1 2 3 4

Systematic Techniques: 21

Ecological Interests: 34 35 38 40 42 43  
47 48 50 58 59 60 61 63

Geographical Areas: west central Illinois; Midwest states; Belize

Organism Specialties:

Ecological Expertise: plant community relationships and successional  
processes; microclimatic effects on individuals, populations and  
communities; raptorial bird habitat analysis and evaluation

#175

**Mr. Robert J. Izor**

Collection Manager  
Field Museum of Natural History  
Division of Mammals  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

B.S. Beloit College-Wisconsin 1973  
Phone (312) 922-9410 Ext. 249

Organisms Worked With: 8  
Systematic Techniques: 20 21 23 27 28  
Ecological Interests: 35 40 42 43  
46 51

Geographical Areas: Illinois; Neotropics

Organism Specialties: carnivores; primates; bats

Ecological Expertise: faunal survey and analysis; host-parasite associations

#176

**Dr. Larry A. Jahn**

Professor  
Western Illinois University  
Department of Biological Sciences  
Macomb, IL 61455

Ph.D. Montana State University 1968  
Phone (309) 298-1266

Organisms Worked With: 11  
Systematic Techniques:  
Ecological Interests: 37 38 39 40 41 42 43 44 45  
46 52 58 61 62 66

Geographical Areas: west central Illinois

Organism Specialties: Percichthyidae, Centrarchidae, Ictaluridae, Clupeidae

Ecological Expertise: lake and pond fish management; natural history of fish in rivers and streams

#177

**Dr. Alan P. Jaslow**

Postdoctoral Fellow  
University of Chicago  
Department of Anatomy  
1025 E. 57th Street  
Chicago, IL 60637

Ph.D. University of Michigan 1982  
Phone (312) 962-8091

Organisms Worked With: 10  
Systematic Techniques: 20 27 33  
Ecological Interests: 34 35 37 40 42  
46 48 51 58

Geographical Areas: Michigan, Wisconsin; Panama

Organism Specialties: anurans

Ecological Expertise: population regulation in tadpoles; communications in adult anurans

#178

**Dr. Michael Robert Jeffords**

Assistant Professional Scientist  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Illinois-U.C. 1978  
Phone (217) 333-6250

Organisms Worked With: 12  
Systematic Techniques:  
Ecological Interests: 34 40 41 42 43 44 45  
46 48 50 51 52 55 58

Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: population biology of economically important forest and field crop pests; evolutionary biology of predaceous insects and vertebrates

#179

**Dr. Norman H. Jensen**

Assoc. Prof. & Acting Chairman  
Millikin University  
Department of Biology  
1184 W. Main Street  
Decatur, IL 62522

Ph.D. Univ. of Nebraska-Lincoln 1972  
Phone (217) 424-6230

Organisms Worked With: 9 11  
Systematic Techniques: 21 31  
Ecological Interests: 36 39 43  
48 50 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: aquatic biology

#180

**Dr. Robert Karl Johnson**

Curator & Chairman  
Field Museum of Natural History  
Department of Zoology  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. Univ. of Calif.-San Diego-Scripps 1972  
Phone (312) 922-9410

Organisms Worked With: 11  
Systematic Techniques: 20 21 23 27 28 30 31  
Ecological Interests: 37 38 39 40 42  
47 48 51 52

Geographical Areas: worldwide, especially western Caribbean

Organism Specialties: mesopelagic fishes: Stomiiformes, Myctophiformes, Chiasmodontidae; shallow-water fishes: Blennioidei, Gobioidae  
Ecological Expertise:

#181

**Dr. Almut G. Jones**

Curator & Assistant Professor  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Ave.  
Urbana, IL 61801

Ph.D. University of Illinois 1973  
Phone (217) 333-2522

Organisms Worked With: 1  
Systematic Techniques: 21 23 24 28 30  
Ecological Interests:

Geographical Areas:

Organism Specialties: Astereae - Asteraceae - Aster and related genera

Ecological Expertise:

#182

**Mr. Dan W. Jones**

Head of Biology Section  
Peabody Coal Company  
Central Laboratory  
P.O. Box 39  
Freeburg, IL 62243

B.A. So. Illinois Univ.-Edwardsville 1969  
Phone (618) 539-5113

Organisms Worked With: 10 11 12 13 15 16  
Systematic Techniques: 20  
Ecological Interests: 37 38 39 41 42 43 45  
50 52 61

Geographical Areas: St. Clair, Randolph, Saline, and Williamson  
Counties, Illinois; Indiana; Kentucky; Missouri

Organism Specialties: Midwest fishes; Chironomidae; Illinois mussels

Ecological Expertise: aquatic ecology, especially as related to coal  
mining disturbance and reclamation

#183

**Ms. Jeanine E. Karnes**

Technical Assistant  
Illinois Natural History Survey  
Department of Botany and Plant Pathology  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. Northern Illinois University 1981  
Phone (217) 333-8907

Organisms Worked With: 1 8 9  
Systematic Techniques:  
Ecological Interests: 36 40 42  
58

Geographical Areas: northern and central Illinois

Organism Specialties:

Ecological Expertise: small mammal ecology

#184

**Dr. James R. Karr**

Deputy Director  
Smithsonian Tropical Research Institute  
P.O. Box 2072  
Balboa, Panama

Ph.D. University of Illinois 1970

Organisms Worked With: 9 11  
Systematic Techniques: 21  
Ecological Interests: 34 35 36 37 38 39 40 41 42 43 45  
47 50 54 62

Geographical Areas: Champaign and Vermilion Counties, Illinois;  
Indiana; Panama

Organism Specialties: birds, fishes

Ecological Expertise: tropical ecology, aquatic ecology, community  
ecology, natural resources, water resources

#185

**Ms. Carol Anne Kelly**

Graduate Student  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

M.A. University of Iowa 1983  
Phone (217) 333-1298

Organisms Worked With: 1 2 3 12  
Systematic Techniques: 21 28 31  
Ecological Interests: 34 35 36 37 38 40 42 43  
48 51 52 57 58 59 60 63

Geographical Areas: U.S.A.

Organism Specialties: Fabaceae - Cassia

Ecological Expertise: plant-animal interactions

#186

**Mr. Jerome Kelly**

Biologist  
Ecology & Environment Inc.  
223 W. Jackson Blvd.  
Chicago, IL 60606

M.S. University of Miami 1970  
Phone (312) 663-9415

Organisms Worked With: 1 11 12 13 15 16  
Systematic Techniques: 21 27  
Ecological Interests: 38 39 41 43  
47 50 64

Geographical Areas: Midwest states; Florida

Organism Specialties: aquatic macroinvertebrates

Ecological Expertise: aquatic ecology; effects of hazardous substances  
on aquatic communities



#187

**Mr. Martin P. Kemper**

District Wildlife Biologist  
Illinois Department of Conservation  
Division Fish & Wildlife Resources  
307 W. Alton  
Nashville, IL 62263

M.A. So. Illinois Univ.-Carbondale 1976  
Phone (618) 327-4158

Organisms Worked With: 1 8 9

Systematic Techniques:

Ecological Interests: 36 41 42 45

54 58 62

Geographical Areas: Randolph, Monroe, St. Clair, Clinton and  
Washington Counties, Illinois

Organism Specialties:

Ecological Expertise: wildlife habitat assessment and manipulation;  
plant community management; conservation of natural ecosystems; avian  
ecology

#188

**Ms. Kathryn A. Kerr**

Consultant

RR 1 Box 247  
Urbana, IL 61801

B.A. So. Illinois Univ.-Carbondale 1971  
Phone (217) 643-7571

Organisms Worked With: 1

Systematic Techniques: 20 21 30 31

Ecological Interests: 34 35 36 37 38 39 41 42 45

47 50 52 59 60

Geographical Areas: Midwest states

Organism Specialties:

Ecological Expertise: natural areas - forest, savanna, prairie,  
glade wetlands

#189

**Ms. Phyllis Kerstein**

President

Advanced Exterminating Service Inc.  
1356 S. Michigan Avenue  
Chicago, IL 60605

B.A. Roosevelt University 1948  
Phone (312) 427-5800

Organisms Worked With: 8 9 10 12 14

Systematic Techniques: 27 28 31

Ecological Interests: 41 44

46 50 64

Geographical Areas: Chicago and surrounding suburbs, Illinois;  
northwest Indiana

Organism Specialties: rodents and insects

Ecological Expertise: urban communities

#190

**Dr. Kenneth J. Kessler Jr**

Principal Plant Pathologist

USDA N. Central Forest Expt. Stat.  
Forestry Sciences Lab  
Southern Illinois University  
Carbondale, IL 62901

Ph.D. West Virginia University 1960  
Phone (618) 453-2318

Organisms Worked With: 1 5

Systematic Techniques: 20 27 28 31

Ecological Interests: 36 41 42 44 45

48 50 59

Geographical Areas: southern Illinois, Iowa, Missouri, Minnesota,  
Wisconsin, Indiana, Michigan

Organism Specialties: Juglandaceae, Fagaceae, Betulaceae, Oleaceae,  
Aceraceae; Ascomycetes, Fungi imperfecti

Ecological Expertise: epidemiology of fungal leaf diseases of hardwoods

#191

**Dr. John B. Kethley**

Associate Curator &amp; Division Head

Field Museum of Natural History  
Division of Insects  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. University of Georgia 1969

Phone (312) 922-9410

Organisms Worked With: 14 19

Systematic Techniques: 20 21 23 28

Ecological Interests: 34 35 40 42 43

48

Geographical Areas: Midwest states; worldwide

Organism Specialties: Acari - Prostigmata (excluding plant mites & water  
mites); Mesostigmata - Eviphidoidea, Heterozeticoidea, Holothyroidea,  
Sejina, Trigynaspida

Ecological Expertise: deep soil acarid fauna; ecology of avian acarine  
parasites

#192

**Ms. Michelle K. Kettler**

Research Assistant

University of Illinois  
Department of Genetics & Development  
515 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

M.S. St. Louis University 1980  
Phone (217) 333-8001

Organisms Worked With: 11

Systematic Techniques: 22 24 26

Ecological Interests: 34 36 37 39 40 42

51

Geographical Areas: northern Illinois, Wisconsin, Washington, North  
Carolina

Organism Specialties: Umbridae, Esocidae, Salmonidae

Ecological Expertise:

#193

**Ms. Frances B. King**  
 Research Associate  
 Illinois State Museum  
 Department of Botany  
 Spring and Edwards  
 Springfield, IL 62707

M.S. University of Arizona 1972  
 Phone (217) 785-4846

Organisms Worked With: 1  
 Systematic Techniques: 20 21  
 Ecological Interests: 53 54 66  
 Geographical Areas: Illinois, Midwest states

Organism Specialties:

Ecological Expertise: paleoecology, plants used by prehistoric Amerindians

#194

**Dr. James E. King**  
 Head of Scientific Sections  
 Illinois State Museum  
 Spring and Edwards  
 Springfield, IL 62706

Ph.D. University of Arizona 1972  
 Phone (217) 782-7475

Organisms Worked With: 1 2 3  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 42  
 48 63 66  
 Geographical Areas: midwestern North America  
 Organism Specialties:

Ecological Expertise: palynology and paleoecology

#195

**Mr. Brian J. Klatt**  
 Graduate Research Assistant  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

M.S. Northern Illinois University 1979  
 Phone (217) 333-2235

Organisms Worked With: 8  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 41 43 45  
 46 48 52 58 62 66  
 Geographical Areas: Champaign and Grundy Counties, Illinois; Indiana

Organism Specialties:

Ecological Expertise: community and population ecology, behavioral ecology

#196

**Mr. Vernon M. Kleen**  
 Avian Ecologist  
 Illinois Department of Conservation  
 Div. Forest Resources & Nat. Heritage  
 524 S. 2nd  
 Springfield, IL 62706

M.A. So. Illinois Univ.-Carbondale 1973  
 Phone (217) 785-8774

Organisms Worked With: 9  
 Systematic Techniques:  
 Ecological Interests: 34 35 36 42 43 44 45  
 50 52  
 Geographical Areas: Illinois

Organism Specialties: all non-game birds

Ecological Expertise: bird distribution and abundance

#197

**Mr. Kenneth F. Klick**

120 Kingston  
 Bolingbrook, IL 60439

A.S. Moraine Valley Community College 1983  
 Phone (312) 739-5739

Organisms Worked With: 1 2 3 7 9 10  
 Systematic Techniques: 27 28  
 Ecological Interests: 34 35 36 40 42 43 45  
 47 50 52 54  
 Geographical Areas: northeastern Illinois, northwestern Indiana  
 Organism Specialties: freshwater Rhodophyta - Bangiales

Ecological Expertise: floristics; natural area management

#198

**Dr. W. D. Klimstra**  
 Professor & Director Coop. Lab.  
 Southern Illinois University  
 Cooperative Wildlife Research Laboratory  
 Life Science II, Room 251  
 Carbondale, IL 62901

Ph.D. Iowa State University 1949  
 Phone (618) 536-7766

Organisms Worked With: 1 8 9  
 Systematic Techniques: 20 21 27 28 31 32  
 Ecological Interests: 34 35 36 40 41 42 43 45  
 46 48 50 52 54 58 59 60 61 62 63  
 Geographical Areas:

Organism Specialties:

Ecological Expertise:

#199

**Mrs. Genevieve J. Kline**

Northern Illinois University  
Department of Biological Sciences  
De Kalb, IL 60115

A.B. Wellesley College 1962  
Phone (815) 753-1459

Organisms Worked With: 1  
Systematic Techniques: 20 21 23 24 26 27 28 31  
Ecological Interests:

Geographical Areas: U.S.A., Canada, Mexico  
Organism Specialties: Agrimonia (North and Central America)

Ecological Expertise:

#200

**Dr. Marcos Kogan**

Professor  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of California-Riverside 1969  
Phone (217) 333-1005

Organisms Worked With: 12  
Systematic Techniques: 20 21 22 27 28  
Ecological Interests: 34 35 40 41 42 45  
46 52 58

Geographical Areas: central and southern Illinois; Brazil; Korea;  
China; Japan; Thailand  
Organism Specialties: Coleoptera; Strepsiptera

Ecological Expertise: ecology of Coleoptera associated with legumes;  
population dynamics; sampling methods; nutritional ecology; host selection  
behavior; plant defense strategies; chemical ecology

#201

**Dr. Christopher C. Kohler**

Assistant Professor  
Southern Illinois University  
Fisheries Research Laboratory  
Rm 183 Life Science II  
Carbondale, IL 62901

Ph.D. Virginia Polytechnic Institute 1980  
Phone (618) 453-2890

Organisms Worked With: 11 13  
Systematic Techniques: 20 27  
Ecological Interests: 37 38 39 40 41 42 43 44 45  
50 52 62

Geographical Areas: southern Illinois; Haiti; Brazil

Organism Specialties: *Alosa pseudohareugus*

Ecological Expertise: fish predator and prey interactions; exploitation  
effects on fish communities

#202

**Dr. Kipp Colby Kruse**

Associate Professor  
Eastern Illinois University  
Department of Zoology  
Charleston, IL 61920

Ph.D. University of Nebraska 1978  
Phone (217) 581-5410

Organisms Worked With: 10 11 12  
Systematic Techniques: 31  
Ecological Interests: 34 37 40 42 43 44  
46 51

Geographical Areas: southern Illinois  
Organism Specialties: Ranidae - *Rana pipiens* complex

Ecological Expertise: behavioral ecology (sexual selection and optimal  
foraging theory) and reproductive biology of Anurans

#203

**Mr. John H. Kube**

Forest Wildlife Biologist  
Illinois Department of Conservation  
P.O. Box 298  
Petersburg, IL 62675

M.S. University of Wisconsin 1978  
Phone (217) 632-3841

Organisms Worked With: 8  
Systematic Techniques:  
Ecological Interests: 34 36 41 42 45  
46 48 53 58 62 63

Geographical Areas: Illinois  
Organism Specialties:

Ecological Expertise: deer management

#204

**Dr. M. L. Kumler**

Professor  
Southern Illinois University  
Department of Biological Sciences  
Box 65B  
Edwardsville, IL 62026-1001

Ph.D. Oregon State University 1963  
Phone (618) 692-2109

Organisms Worked With: 1 2 3  
Systematic Techniques: 21 28  
Ecological Interests: 34 35 40 41 42 43  
47 49 56 59 60 63

Geographical Areas: Madison and St. Clair Counties, Illinois; Oregon  
coast; Afghanistan, India, Pakistan  
Organism Specialties:

Ecological Expertise: plant community ecology, nitrogen fixation

#205

**Dr. Cletus P. Kurtzman**

Research Leader  
 USDA Northern Reg. Research Center  
 ARS Culture Collection  
 1815 N. University Street  
 Peoria, IL 61604

Phone (309) 685-4011

Organisms Worked With: 5  
 Systematic Techniques: 21 22 24 26 27 28 33  
 Ecological Interests:

Geographical Areas:

Organism Specialties: Ascomycetous and Basidiomycetous yeasts  
 Ecological Expertise:

#206

**Dr. Wallace E. LaBerge**

Section Head, Taxonomist  
 Illinois Natural History Survey  
 Section of Faunistic Surveys  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Kansas 1955  
 Phone (217) 333-6846

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 27 28 30  
 Ecological Interests: 34 40 42  
 46 51 58

Geographical Areas: North America and Central America

Organism Specialties: Insecta - Hymenoptera, Apoidea

Ecological Expertise:

#207

**Dr. Herbert F. Lamp**

Associate Dean  
 Northeastern Illinois University  
 College of Arts & Sciences  
 5500 N. St. Louis Avenue  
 Chicago, IL 60625

Ph.D. University of Chicago 1951  
 Phone (312) 583-4050 Ext. 720

Organisms Worked With: 1 2 3  
 Systematic Techniques: 28  
 Ecological Interests: 35 38 40 42 43  
 47 57 59 63

Geographical Areas: Cook County, northern Illinois; northern Indiana, southern Michigan

Organism Specialties:

Ecological Expertise:

#208

**Dr. William O. Lamp**

Assistant Professional Scientist  
 Illinois Natural History Survey  
 Section of Economic Entomology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Nebraska 1980  
 Phone (217) 333-7430

Organisms Worked With: 12  
 Systematic Techniques:  
 Ecological Interests: 34 35 37 40 41 42 45  
 46 48 54 58 65

Geographical Areas: Champaign and St. Clair Counties, Illinois

Organism Specialties:

Ecological Expertise: weed/insect interactions, insect ecology, pest management

#209

**Mr. Wayne A. Lampa**

Resource Management Specialist  
 Forest Preserve District DuPage Co.  
 Natural Resources Department  
 P.O. Box 2339, 185 Spring Ave.  
 Glen Ellyn, IL 60138

M.S. Louisiana State University 1965  
 Phone (312) 790-4900

Organisms Worked With: 1 2 3 4 5 6 8 9 11 12  
 Systematic Techniques:  
 Ecological Interests: 34 35 36 37 38 39 41 42 43 45  
 47 48 50 52 54 58 59 60 62 63

Geographical Areas: DuPage County, Illinois

Organism Specialties:

Ecological Expertise: plant communities of DuPage County, their ecology, distribution, natural histories, management and restoration needs

#210

**Dr. Richard Weldon Larimore**

Aquatic Biologist  
 Illinois Natural History Survey  
 Aquatic Biology Section  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Michigan 1950  
 Phone (217) 333-6889

Organisms Worked With: 11 12  
 Systematic Techniques:  
 Ecological Interests: 38 40 42  
 46 50 63  
 Geographical Areas: Vermilion County, Illinois

Organism Specialties: Centrarchidae

Ecological Expertise: warmwater stream communities

#211

**Dr. Ronald P. Larkin**

Assistant Wildlife Ecologist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Rockefeller University 1973  
 Phone (217) 333-7513

Organisms Worked With: 9 12

Systematic Techniques:

Ecological Interests: 42 43

46 52 57 66

Geographical Areas: Champaign County, Illinois; Marquette County, Michigan

Organism Specialties:

Ecological Expertise: avian migration, flocking, orientation, energetics, roosting, flight, homing and communication; insect flight and dispersal; small-scale motions of the lower atmosphere

#212

**Dr. Ingemar W. Larson**

Professor  
 Augustana College  
 Biology Department  
 Rock Island, IL 61201

Ph.D. Kansas State University 1964  
 Phone (309) 794-7361

Organisms Worked With: 12 15

Systematic Techniques: 27 28

Ecological Interests:

Geographical Areas: Rock Island County, Illinois

Organism Specialties: insects

Ecological Expertise:

#213

**Dr. George V. Lauder**

Assistant Professor  
 University of Chicago  
 Department of Anatomy  
 1025 E. 57th Street  
 Chicago, IL 60637

Ph.D. Harvard University 1979  
 Phone (312) 962-8090

Organisms Worked With: 10 11

Systematic Techniques: 20 23 27

Ecological Interests:

Geographical Areas: northern Illinois

Organism Specialties: Centrarchidae, Amiidae, Lepisosteidae

Ecological Expertise:

#214

**Dr. Richard Lee Leary**

Curator  
 Illinois State Museum  
 Geology Department  
 Spring and Edwards  
 Springfield, IL 62706

Ph.D. University of Illinois 1980  
 Phone (217) 782-6633

Organisms Worked With: 19

Systematic Techniques: 21 27 28

Ecological Interests:

51

Geographical Areas: western Illinois; Illinois and adjacent states

Organism Specialties: "Coal Age" plant fossils - early Pennsylvanian "upland"

Ecological Expertise: paleobotany of early Pennsylvanian "uplands"

#215

**Dr. Kwok W. Lee**

Associate Professor  
 George Williams College  
 Division of Natural & Health Sciences  
 555 31st Street  
 Downers Grove, IL 60515

Ph.D. University of Texas-Austin 1973  
 Phone (312) 964-3100

Organisms Worked With: 7

Systematic Techniques: 24 27 28 31

Ecological Interests: 34 35 36 37 38 39 40 42

63

Geographical Areas: Lake County (Volo Bog) and DuPage County, Illinois

Organism Specialties: Chlorophycean, Xanthophycean and Eustigmatophycean microalgae in soil and freshwater

Ecological Expertise: algal ecology of soil and freshwater ecosystems

#216

**Dr. Bruce F. Leon**

Assistant Professor  
 University of Illinois  
 Department of Landscape Architecture  
 1301 W. Gregory Drive  
 Urbana, IL 61801

Ph.D. Princeton University 1979  
 Phone (217) 333-3612

Organisms Worked With: 1 2 11 12 13

Systematic Techniques:

Ecological Interests: 35 36 37 38 40 41 42 43 44 45

50 54 57 59 61 65

Geographical Areas: Champaign, Piatt and Macon Counties, Illinois; coastal areas of Connecticut, Maryland, Delaware and New Jersey

Organism Specialties:

Ecological Expertise: salt marsh ecology; ecology of hedgerows; tree shape; root interactions; reclamation of disturbed lands; land use effects on water quality

#217

**Dr. Domingo D. J. Leonida**

District Director O.W.C.P.E.S.A.  
University of Illinois at Chicago  
College of Medicine  
817 S. Wolcott Ave., 385 Old Gen. Hosp.  
Chicago, IL 60680

M.Ph. University of Michigan 1962

Phone (312) 886-5000

Organisms Worked With: 8 12 14 16 18 19

Systematic Techniques: 27 32 33

Ecological Interests: 35 36 37 39 41 42 45  
46 48 50 53 57 64 66

Geographical Areas: Logan, Mason, Tazewell and Cook Counties, Illinois

Organism Specialties: RNA viruses, DNA viruses; Chlamydia; bacteria, enterobacteria; amoebae, Entamoeba histolytica, E. Coli; Flagellates: Giardia, Trichomonas; Ciliates; Nematodes; Cestodes; Arachnida  
Ecological Expertise: microbiologic pathologic processes in man as promoted/inhibited by environmental factors; toxicologic aspects of environmental assessment

#218

**Dr. James B. Levenson**

Ecologist  
Argonne National Laboratory  
Energy & Environmental Systems Division  
9700 S. Cass Ave.  
Argonne, IL 60439

Ph.D. University of Wisconsin-Milwaukee 1976

Phone (312) 972-7476

Organisms Worked With: 1 2 3

Systematic Techniques:

Ecological Interests: 35 36 41 42 43  
47 50 52 54 61 62

Geographical Areas: Illinois, Midwest states

Organism Specialties:

Ecological Expertise: forest communities, biogeography, natural areas

#219

**Dr. Eli Levine**

Assistant Professor  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. Ohio State University 1977

Phone (217) 333-6826

Organisms Worked With: 12

Systematic Techniques: 31

Ecological Interests: 34 35 36 40 41 44 45  
46 48 50 55 57 58 60 62 64

Geographical Areas: Mason and Carroll Counties, northwestern Illinois

Organism Specialties: Lepidoptera - Noctuidae

Ecological Expertise: insect ecology, insect-plant interactions, insect population dynamics

#220

**Dr. Norman D. Levine**

Professor  
University of Illinois  
College of Veterinary Medicine  
Urbana, IL 61801

Ph.D. Univ. of California-Berkeley 1937

Phone (217) 333-2766

Organisms Worked With: 18

Systematic Techniques: 20 27 28

Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Protozoa - Apicomplexa

Ecological Expertise:

#221

**Mr. Randall B. Lewis**

Associate Biologist  
Ecological Analysts, Inc.  
612 Anthony Trail  
Northbrook, IL 60062

B.A. Blackburn College 1969

Phone (312) 564-3040

Organisms Worked With: 12 13 15

Systematic Techniques: 21 27

Ecological Interests: 38 41 42 43  
47 50

Geographical Areas: Mississippi River, especially Pool 14

Organism Specialties: Pelecypoda - Unionidae; Ephemeroptera; Trichoptera

Ecological Expertise: effects of power plants on benthic macroinvertebrates

#222

**Dr. William M. Lewis**

Visiting Professor  
Southern Illinois University  
Fisheries Research Laboratory  
Carbondale, IL 62901

Ph.D. Iowa State University 1949

Phone (618) 536-7761

Organisms Worked With: 11

Systematic Techniques:

Ecological Interests: 37 38 39 40 41 43 44  
50 56

Geographical Areas: Illinois and North Carolina

Organism Specialties:

Ecological Expertise: production of fish in controlled environments; effects of temperature on fish communities

#223

**Dr. Khian K. Liem**

Director  
The South Cook County  
Mosquito Abatement District  
155th and Dixie Highway  
Harvey, IL 60426

Ph.D. University of Illinois 1974

Phone (312) 333-4120

Organisms Worked With: 12

Systematic Techniques: 20 27

Ecological Interests: 34 35 36 37 38 39 40 41 42 43 44 45

Geographical Areas: Cook County, Illinois

Organism Specialties: Diptera - Culicidae - Aedes, Culex, Anopheles,  
Culiseta, Psorophora, Coquillettia (Mansonia), Orthopodomyia and  
Uranotaenia

Ecological Expertise: insect ecology; mosquito bionomics and control;  
toxicology of insecticides

#224

**Dr. Richard Lee Lindroth**

Assistant Professor  
University of Wisconsin  
Dept. of Entomology  
237 Russell Laboratories, 1630 Linden Drive  
Madison, WI 53706

Ph.D. University of Illinois-U.C. 1984

Phone (608) 263-6277

Organisms Worked With: 1 8

Systematic Techniques:

Ecological Interests: 34 40 42 43  
48 52 57 58 64

Geographical Areas: Champaign County, Illinois

Organism Specialties:

Ecological Expertise: nutritional ecology and population dynamics of  
microtine rodents; chemistry and toxicology of plant secondary metabolites

#225

**Dr. Nicanor Javier Liquido**

Post-doctoral Fellow  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Hawaii 1982

Phone (217) 333-8091

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 34 40 41 43  
46 57

Geographical Areas: Champaign, Jackson, Pope, Adams, Franklin, Warren  
and St. Clair Counties, Illinois

Organism Specialties:

Ecological Expertise: predator-prey interactions, statistical ecology,  
insect dispersion, insect movement and dispersal, insect demography and  
life table analysis

#226

**Mr. Kenneth L. Litchfield**

Resources Planner  
Illinois Department of Conservation  
524 S. 2nd Street  
Springfield, IL 62706

M.S. Illinois State University 1983

Phone (217) 782-4543

Organisms Worked With: 1 7

Systematic Techniques:

Ecological Interests: 35 36 42  
50 60

Geographical Areas: Illinois, especially the Mackinaw River

Organism Specialties: Bacillariophyceae (Diatoms)

Ecological Expertise: aquatic and terrestrial diatom communities

#227

**Dr. Richard Eric Lombard**

Associate Professor  
University of Chicago  
Department of Anatomy  
1025 E. 57th Street  
Chicago, IL 60637

Ph.D. University of Chicago 1971

Phone (312) 962-8091

Organisms Worked With: 10

Systematic Techniques: 20 23 25 27 30 33

Ecological Interests:

Geographical Areas:

Organism Specialties: fossil amphibians, primarily Temnospondyli;  
recent amphibian orders Anura and Urodela, primarily Plethodontidae  
Ecological Expertise:

#228

**Mr. Alvin C. Lopinot**

Aquatic Biologist

45 Northcrest Drive  
Litchfield, IL 62056

M.A. Southern Illinois University 1950

Phone (217) 324-3386

Organisms Worked With: 1 7 11 15

Systematic Techniques:

Ecological Interests: 37 38 39 45  
52 62

Geographical Areas:

Organism Specialties:

Ecological Expertise: fisheries biology; freshwater mussels; aquatic  
plants

#229

**Dr. Kenneth S. Lubinski**  
 Assistant Professional Scientist  
 Illinois Natural History Survey  
 Pool 26 - River Research Lab  
 RR 1 Box 221  
 Grafton, IL 62037

Ph.D. Virginia Tech 1979  
 Phone (618) 786-3317

Organisms Worked With: 1 11 15

Systematic Techniques: 21 27

Ecological Interests: 37 38 39 40 41 42 43  
 46 48 50 55 58 62 64

Geographical Areas: Illinois and Mississippi Rivers and floodplains

Organism Specialties:

Ecological Expertise:

#230

**Dr. Daniel Robert Ludwig**  
 Wildlife Biologist  
 Forest Preserve District DuPage Co.  
 Natural Resources Department  
 P.O. Box 2339  
 Glen Ellyn, IL 60138

Ph.D. University of Calgary 1981  
 Phone (312) 790-4900 Ext. 283

Organisms Worked With: 8 9 10

Systematic Techniques:

Ecological Interests: 34 35 40 41 42 43 45  
 46 48 50 51 52 58 62

Geographical Areas: DuPage County, Illinois; New Jersey; alpine and  
 subalpine areas of Alberta, Canada

Organism Specialties:

Ecological Expertise: animal population biology

#231

**Mr. Randall W. Lundgren**

815 South Fell Ave.  
 Normal, IL 61761

Phone (309) 452-9656

Organisms Worked With: 12

Systematic Techniques: 28

Ecological Interests: 34 35 40 42  
 46 48 51 66

Geographical Areas: McLean County, Illinois

Organism Specialties: Coleoptera - Staphylinidae

Ecological Expertise: habitat requirements of the Staphylinidae

#232

**Dr. John F. Lussenhop**  
 Associate Professor  
 University of Illinois  
 Department of Biological Sciences  
 Box 4348  
 Chicago, IL 60680

Ph.D. University of Wisconsin 1971  
 Phone (312) 996-4557

Organisms Worked With: 5 12 19

Systematic Techniques:

Ecological Interests: 36 40 41 42 43 45  
 66

Geographical Areas:

Organism Specialties: Collembola, Acarina

Ecological Expertise: soil biology

#233

**Mr. Gary W. Lutterbie**  
 District Fisheries Biologist  
 Illinois Department of Conservation  
 Division of Fish & Wildlife  
 506 E. 7th Street  
 Gibson City, IL 60936

M.S. Univ. of Wisconsin-Stevens Point 1975

Phone (217) 784-4730

Organisms Worked With: 10 11

Systematic Techniques: 26 28 31

Ecological Interests: 37 38 39  
 46 48 52 62 65 66

Geographical Areas: Vermilion, Champaign, Piatt, DeWitt, Ford,  
 Livingston, Iroquois and McLean Counties, Illinois

Organism Specialties: fishes: Centrarchidae, Syprinidae, Esocidae,  
 Ictaluridae, Percidae, Percichthyidae and Salmonidae;  
 amphibians and reptiles

Ecological Expertise: population dynamics, age and growth of fishes;  
 field censusing and management of fish populations; treatment of aquatic  
 vegetation

#234

**Dr. Michael Lynch**  
 Associate Professor  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

Phone (217) 333-0196

Organisms Worked With: 13

Systematic Techniques: 22 26 31

Ecological Interests:  
 48

Geographical Areas:

Organism Specialties: Cladocera - Daphnia

Ecological Expertise: ecological genetics; population biology; biology  
 of parthenogenesis



#235

**Dr. Te Hsiu Ma**

Professor  
Western Illinois University  
Institute for Environmental Management  
West Adams Street  
Macomb, IL 61455

Ph.D. University of Virginia 1959  
Phone (309) 298-1457

Organisms Worked With: 1 7 8 19

Systematic Techniques: 24 26

Ecological Interests: 41

50 64

Geographical Areas: McDonough, Peoria and Knox Counties, Illinois;  
Qingdan, People's Republic of China

Organism Specialties: Commelinaceae - Tradescantia; Chlorophyceae -  
Platymonas (Tetraselmis)

Ecological Expertise: effects of air and water pollutants on chromosomes  
of Tradescantia, mouse and human lymphocytes; mutagenicity and  
clastogenicity of chemicals and radioisotopes in plant and animal systems

#236

**Ms. Carol J. Mahan**

Mammal Ecologist  
Illinois Department of Conservation  
Div. Forest Resources & Nat. Heritage  
524 S. 2nd Street  
Springfield, IL 62706

M.S. University of Nebraska 1978  
Phone (217) 785-8774

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 35 41 42 43 44 45

50 52 58 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: bat and cave conservation and management

#237

**Dr. Terrence G. Marsh**

Professor  
North Central College  
Department of Biology  
30 N. Brainard  
Naperville, IL 60566

Ph.D. University of Kentucky 1969  
Phone (312) 420-3489

Organisms Worked With: 1 12

Systematic Techniques: 20 28

Ecological Interests: 34 35 36 37 38 39 40 41 42 43

47 49 50 52 55 58 59 63

Geographical Areas: DuPage and Will Counties, Illinois; Arizona

Organism Specialties: Coleoptera - Curabidae, Zoraptera

Ecological Expertise: cave beetle ecology; environmental assessment  
for vegetation and freshwater invertebrates

#238

**Mr. Raymond W. Marshalla**

District Wildlife Manager  
Illinois Department of Conservation  
Division Fish & Wildlife Resources  
30550 S. Boathouse Road  
Wilmington, IL 60481

M.A. So. Illinois Univ.-Carbondale 1977  
Phone (815) 476-7622

Organisms Worked With: 1 8 9

Systematic Techniques:

Ecological Interests: 36 39

52 62

Geographical Areas: Will, Kane, Kankakee, Grundy and Kendall Counties,  
Illinois

Organism Specialties: game birds and mammals, furbearers

Ecological Expertise: habitat management for game and nongame birds and  
mammals

#239

**Mr. Hymen Marx**

Curator  
Field Museum of Natural History  
Division of Amphibians & Reptiles  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

B.S. Roosevelt University 1949  
Phone (312) 922-9410

Organisms Worked With: 10

Systematic Techniques: 20 21 23 27 28 30

Ecological Interests:

Geographical Areas: northeast Africa and southwest Asia

Organism Specialties: snakes

Ecological Expertise:

#240

**Dr. Bill J. Mathis**

Professor and Chairman  
Bradley University  
Department of Biology  
1501 W. Bradley Avenue  
Peoria, IL 61625

Ph.D. Oklahoma State University 1965  
Phone (309) 676-7611

Organisms Worked With: 11 12

Systematic Techniques: 21

Ecological Interests: 37 38 39 41 42 43 44

50 56 58 63

Geographical Areas: central and southern Illinois, especially Peoria  
County

Organism Specialties:

Ecological Expertise: primary productivity; lake restoration; stream  
pollution, heavy metals in aquatic ecosystems

#241

**Mr. Wallace O. Matsunaga**

Aquatic Biologist  
Illinois E.P.A.  
Division of Water Pollution Control  
1701 First Avenue, #600  
Maywood, IL 60153

B.A. University of Hawaii 1967  
Phone (312) 345-9780

Organisms Worked With: 12 13 15 16  
Systematic Techniques: 20 21 27 28  
Ecological Interests: 38 39 41 42 43  
47 48 50  
Geographical Areas: northern Illinois

Organism Specialties: Ephemeroptera, Plecoptera and Trichoptera (aquatic stages)  
Ecological Expertise: effects of pollutional discharges on aquatic macroinvertebrate communities

#242

**Dr. Linda R. Maxson**

Associate Professor & Curator  
University of Illinois  
Dept. of Genetics & Development  
515 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. University of California 1973  
Phone (217) 333-3358

Organisms Worked With: 8 10  
Systematic Techniques: 21 22 23 32  
Ecological Interests: 51  
Geographical Areas: worldwide

Organism Specialties: Hylidae, Leptodactylidae, Dendrobatidae, Myobatrachidae, Cricetidae, Bufonidae and Caudata  
Ecological Expertise:

#243

**Mr. William E. McClain**

District Heritage Biologist  
Illinois Department of Conservation  
Div. Forest Resources & Natural Heritage  
600 N. Grand West  
Springfield, IL 62706

M.A. Miami University-Ohio 1969  
Phone (217) 782-2361

Organisms Worked With: 1 3 6  
Systematic Techniques: 21 27 28  
Ecological Interests: 35 36 42 44 45  
52 61 62 63 65  
Geographical Areas: central Illinois, especially Jersey, Mason, Vermilion and Shelby Counties  
Organism Specialties:

Ecological Expertise: management of natural ecosystems and establishment of artificial grasslands; natural and re-established prairies

#244

**Mr. John Mark McCleary**

Biology Teacher  
Proviso West High School  
Science Department  
4701 W. Harrison Street  
Hillside, IL 60162

M.S. Temple University 1969  
Phone (312) 449-6400

Organisms Worked With: 5  
Systematic Techniques: 27 28  
Ecological Interests: 42  
52  
Geographical Areas: Cook and DuPage Counties, Illinois  
Organism Specialties: Myxomycetes  
Ecological Expertise:

#245

**Mr. Milton Earl McGiffen, Jr.**

Assistant Supportive Scientist  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Dr.  
Champaign, IL 61820

M.S. North Carolina State University 1984  
Phone (217) 333-6823

Organisms Worked With: 1 5 12 18  
Systematic Techniques:  
Ecological Interests: 34 35 41 44 45  
46 48 50 52 55 57 58 65  
Geographical Areas: Illinois; southeastern states  
Organism Specialties:

Ecological Expertise: insect ecology, physiological ecology, population models, insect population sampling, host plant chemistry, application of ecological techniques to pest management

#246

**Mr. Bill N. McKnight**

Junior Supportive Scientist  
Illinois Natural History Survey  
Section of Botany & Plant Pathology  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. Eastern Illinois University 1980  
Phone (217) 333-6827

Organisms Worked With: 1 2 3 4 6  
Systematic Techniques: 21 27  
Ecological Interests: 35 37 40 42  
47 50  
Geographical Areas: Illinois, Indiana  
Organism Specialties: Bryophyta; endangered and threatened plants  
Ecological Expertise: natural areas, relic communities

#247

**Dr. J. E. McPherson**

Professor  
Southern Illinois University  
Department of Zoology  
Carbondale, IL 62901

Ph.D. Michigan State University 1968  
Phone (618) 536-2314

Organisms Worked With: 12  
Systematic Techniques: 20 21 23 27 28 31  
Ecological Interests: 34 35 37 38 40 42 43  
46 48 51 58  
Geographical Areas: Jackson and Union Counties, Illinois  
Organism Specialties: Pentatomoidea

Ecological Expertise: life history studies

#248

**Mr. Jeffery L. Mengler**

Graduate Student  
Northern Illinois University  
Department of Biological Sciences  
De Kalb, IL 60115-2854

B.S. Northern Illinois University 1982  
Phone (815) 753-0433

Organisms Worked With: 1 7 9  
Systematic Techniques:  
Ecological Interests: 35 40 43  
47 52 58 59 60 63 65  
Geographical Areas: DeKalb and Ogle Counties, Illinois  
Organism Specialties:

Ecological Expertise:

#249

**Mr. Kenneth Gene Mensing**

Regional Manager  
Illinois E.P.A.  
Land Pollution Control  
117 W. Main Street  
Collinsville, IL 62234

Phone (618) 345-4606

Organisms Worked With: 8 11  
Systematic Techniques:  
Ecological Interests: 41 43  
50  
Geographical Areas: southern Illinois

Organism Specialties:  
Ecological Expertise: effect and relationship of waste management activities on the environment and man

#250

**Mr. Dennis A. Meritt Jr**

Assistant Director  
Lincoln Park Zoological Gardens  
2200 N. Cannon Drive  
Chicago, IL 60614

M.A. Northeastern Illinois University 1974  
Phone (312) 294-4660

Organisms Worked With: 1 3 8 9 10  
Systematic Techniques: 20 21 24 26 28 31  
Ecological Interests: 34 35 36 40 42 43 45  
46 51 52 58 62  
Geographical Areas: Panama, Columbia, Paraguay, Uruguay and Argentina  
Organism Specialties: Rodentia, Primata, Edentata, Marsupialia, Caprimugiformes, Testudinidae, Emydidae and Crocodilia  
Ecological Expertise: tropical forest, neotropics

#251

**Dr. David Byron Mertz**

Professor  
University of Illinois at Chicago  
Department of Biological Sciences  
Box 4348  
Chicago, IL 60680

Ph.D. University of Chicago 1965  
Phone (312) 996-5437

Organisms Worked With: 12  
Systematic Techniques:  
Ecological Interests: 34 40 44  
46 48 51 55  
Geographical Areas:

Organism Specialties: Coleoptera - Tenebrionidae - Tribolium

Ecological Expertise: population ecology and population genetics of Tribolium; life history theory

#252

**Dr. Peter L. Meserve**

Associate Professor  
Northern Illinois University  
Department of Biological Sciences  
De Kalb, IL 60115

Ph.D. University of California-Irvine 1972  
Phone (815) 753-0433

Organisms Worked With: 8  
Systematic Techniques: 21 27 28  
Ecological Interests: 34 35 40 42 45  
46 48 52 58  
Geographical Areas: Grundy and DeKalb Counties, northwest Illinois; Chile  
Organism Specialties:

Ecological Expertise: small mammal population dynamics, interspecific interactions, plant-herbivore interactions, zoogeography of South American mammals

#253

**Dr. Helen Judith Michaels**

Research Associate  
Wayne State University  
Department of Biological Sciences

Detroit, MI 48201

Ph.D. University of Illinois-U.C. 1985  
Phone (313) 973-1523

Organisms Worked With: 1

Systematic Techniques: 21 26 31

Ecological Interests: 34 35 40 42 43  
48 51 57 58 59 61 63 65

Geographical Areas: Piatt, Champaign and Vermilion Counties, Illinois

Organism Specialties: Asteraceae (Inuleae)

Ecological Expertise: plant breeding systems, reproductive biology  
evolutionary ecology

#254

**Dr. Raymond Michael Miller**

Microbial Ecologist  
Argonne National Laboratory  
Environmental Research Division  
Argonne, IL 60439

Ph.D. Illinois State University 1975  
Phone (312) 972-3395

Organisms Worked With: 1 5

Systematic Techniques:

Ecological Interests: 35 36 40 42 43  
54 56 60 61 63

Geographical Areas: semi-arid regions of the U.S.A.

Organism Specialties:

Ecological Expertise: ecology of mycorrhizae; disturbed ecosystems;  
edaphic factors and plant distribution; nutrient cycling

#255

**Mr. William S. Modi**

Graduate Assistant  
University of Illinois  
Dept. of Ecology, Ethology & Evolution  
515 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

M.S. Texas A & M University 1978  
Phone (217) 333-4688

Organisms Worked With: 8

Systematic Techniques: 20 21 23 24 26 30 31

Ecological Interests: 34  
48

Geographical Areas:

Organism Specialties: Rodentia - Cricetidae - Microtinae - Microtus,  
Peromyscus

Ecological Expertise: rodent life history analyses

#256

**Dr. Robert H. Mohlenbrock**

Professor  
Southern Illinois University  
Department of Botany  
Carbondale, IL 62901

Ph.D. Washington Univ.-St. Louis 1957  
Phone (618) 536-2331 Ext. 27

Organisms Worked With: 1 2 3 7

Systematic Techniques: 27 28

Ecological Interests: 35 38 40 42

Geographical Areas: Illinois; National Forests throughout the U.S.A.

Organism Specialties: Fabaceae, Poaceae, Cyperaceae

Ecological Expertise: community ecology

#257

**Dr. Edward O. Moll**

Professor  
Eastern Illinois University  
Department of Zoology  
Charleston, IL 61920

Ph.D. University of Utah 1968  
Phone (217) 345-7142

Organisms Worked With: 10

Systematic Techniques: 20 21 23 30 31

Ecological Interests: 34 37 40 41 42 43  
48 50 51 52

Geographical Areas: Illinois River and Mississippi River; Malaysia,  
India; Mexico and Panama

Organism Specialties: Testudines

Ecological Expertise: autecology, aquatic ecology, wildlife management,  
conservation of endangered species

#258

**Dr. Herbert L. Monoson**

Professor  
Bradley University  
Department of Biology  
Peoria, IL 61625

Ph.D. University of Illinois 1967  
Phone (309) 676-7611 Ext. 478

Organisms Worked With: 1 5 7

Systematic Techniques: 27 28

Ecological Interests:

Geographical Areas: Mason, Bureau, Putman and Peoria Counties,  
Illinois

Organism Specialties: Moniliales - Moniliaceae - Arthrotrichs,  
Dactylella, Harposporium, etc.

Ecological Expertise:

#259

**Mr. Robbin C. Moran**

Graduate Student  
Illinois Natural History Survey  
Section of Botany & Plant Pathology  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. So. Illinois Univ.-Carbondale 1980  
Phone (217) 333-6827

Organisms Worked With: 1 3  
Systematic Techniques: 20 21 24 27 28  
Ecological Interests:

Geographical Areas: eastern U.S.A., Latin America

Organism Specialties: ferns and allied plants

Ecological Expertise:

#260

**Mr. Michael Donald Morin**

Resource Planner II, Forester  
Illinois Department of Conservation  
Division of Planning  
Lincoln Tower Plaza, 524 S. 2nd Street  
Springfield, IL 62706

M.S. Southern Illinois University 1980  
Phone (217) 782-4543

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 35 36 42 43 45  
47 50 56 58 59 60 61 62 63

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: terrestrial ecology, forest habitat types and nutrient cycling; forest resource management; fish and wildlife computer database development

#261

**Mr. Michael A. Morris**

Graduate Assistant  
Southern Illinois University  
Department of Zoology  
Carbondale, IL 62901

M.A. So. Illinois Univ.-Carbondale 1981  
Phone (618) 536-2314

Organisms Worked With: 10  
Systematic Techniques: 20 21 22 23 24 26 27 28 31  
Ecological Interests:  
48 51 52

Geographical Areas: Illinois; western Kentucky and Tennessee

Organism Specialties: Ambystomatidae - Colubridae - Ambystoma, Nerodia

Ecological Expertise: field census; demography/life history

#262

**Mr. Robert G. Mosher**

Biology Instructor  
Belleville Area College  
Granite City Center  
RR 1 Box 187A  
E. Carondelet, IL 62240

M.S. Eastern Illinois University 1979  
Phone (618) 538-7282

Organisms Worked With: 10 11 12 13  
Systematic Techniques: 27  
Ecological Interests: 38 39 41 42 43  
50 52 64

Geographical Areas: Monroe, St. Clair and Coles Counties, Illinois; St. Charles County, Missouri

Organism Specialties: fishes and aquatic macroinvertebrates

Ecological Expertise: environmental assessment of streams; relating toxicity of effluents to the community structure of fishes and macro-

#263

**Mr. Steven R. Moylan**

Aquatic Biologist  
Lake County Health Department  
Environmental Engineering Section  
3010 Grand Avenue  
Waukegan, IL 60085

M.S. Millersville State College 1979  
Phone (312) 689-6740

Organisms Worked With: 1 7 11 13 19  
Systematic Techniques: 27  
Ecological Interests: 37 38 40 42  
48 50 56 62

Geographical Areas: Lake County, Illinois; Marinette County, Wisconsin

Organism Specialties:

Ecological Expertise: natural lakes and rivers

#264

**Mr. John C. Murphy**

Biology Instructor & Chairman  
Plainfield High School  
Science Department  
16351 S. Peerless Ct.  
Plainfield, IL 60544

M.A. Governors State University 1974  
Phone (815) 436-8167

Organisms Worked With: 10  
Systematic Techniques: 20 21 27 28 31  
Ecological Interests: 34 35 37 38 40 42 43  
46 50 51 52

Geographical Areas: Illinois; eastern U.S.A.; Trinidad and Tobago (West Indies)

Organism Specialties: Reptilia - Squamata - Coybridae, Crotalidae  
Amphibia - Anura - Hylidae - Hyla, Pseudacris

Ecological Expertise: behavioral, geographical and community ecology

#265

**Dr. Donal G. Myer**

Professor and Dean  
Southern Illinois University  
Department of Biological Sciences  
Edwardsville, IL 62026

Ph.D. Ohio State University 1958  
Phone (618) 692-3170

Organisms Worked With: 16

Systematic Techniques: 20 28 33

Ecological Interests: 37 38 39 40 42  
48 50

Geographical Areas: southwestern Illinois; U.S.A.

Organism Specialties: helminths of fishes

Ecological Expertise: life histories of digenetic trematodes

#266

**Dr. Charles F. Nadler**

Associate Professor  
Northwestern University  
Department of Medicine  
303 E. Chicago Avenue  
Chicago, IL 60611

M.D. Northwestern University 1955  
Phone (312) 649-8095

Organisms Worked With: 8

Systematic Techniques: 22 24 32

Ecological Interests:  
51

Geographical Areas: northern states (including Alaska); Canada; U.S.S.R.

Organism Specialties: Rodentia - Sciuridae, Microtinae;

Bovidae - Caprinae

Ecological Expertise:

#267

**Dr. Virginia L. Naples**

Assistant Professor  
Northern Illinois University  
Department of Biological Sciences  
De Kalb, IL 60115

Ph.D. University Massachusetts 1980  
Phone (815) 753-0433

Organisms Worked With: 8

Systematic Techniques: 20 21 23 27 28 33

Ecological Interests:  
46 51

Geographical Areas: Central America and South America, especially Panama and Venezuela; Australia

Organism Specialties: Mammalia - Monotremata, Xenarthra

Ecological Expertise: relations of xenarthrans to their tropical environment

#268

**Dr. Michael Nee**

Visiting Assistant Curator  
Field Museum of Natural History  
Botany Department  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. University of Wisconsin-Madison 1979  
Phone (312) 922-9410 Ext. 229

Organisms Worked With: 1 2 3 4

Systematic Techniques: 21 27 28

Ecological Interests: 36 40  
47 50 52

Geographical Areas: Wisconsin; Veracruz, Mexico

Organism Specialties: Solanaceae, Ulmaceae, Salicaceae, Verbenaceae, Cucurbitaceae, Amaranthaceae and Molluginaceae

Ecological Expertise: evaluation and preservation of natural areas

#269

**Dr. R. Dan Neely**

Plant Pathologist  
Illinois Natural History Survey  
Section of Botany & Plant Pathology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Missouri 1957  
Phone (217) 333-6886

Organisms Worked With: 1 5

Systematic Techniques: 27 28

Ecological Interests: 36 40 44  
59 60

Geographical Areas: Illinois

Organism Specialties: Ulmus, Quercus, Platanus, Malus, Crataegus, Juglans

Ecological Expertise: amenity tree and shrub diseases

#270

**Ms. Deborah A. Neher**

Graduate Student  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

B.S. McPherson College, Kansas 1984  
Phone (217) 333-1298

Organisms Worked With: 1 7 12

Systematic Techniques: 21 33

Ecological Interests: 34 35 36 39 40 41 42 43  
49 50 51 55 56 57 59 60 63 64

Geographical Areas:

Organism Specialties: Helianthus annuus

Ecological Expertise:

#271

**Mr. Harry G. Nelson**

Professor  
Roosevelt University  
Department of Biology  
430 S. Michigan Avenue  
Chicago, IL 60605

B.S. University of Chicago 1945

Phone (312)341-3681

Organisms Worked With: 12

Systematic Techniques: 20 21 23 25 27 28 31 33

Ecological Interests: 37 40 42

51 52 57

Geographical Areas: Illinois; northeast North America; worldwide

Organism Specialties: Coleoptera - Dryopoidea - Dryopidae, Psephenidae, Elmidae

Ecological Expertise: stream biology

#272

**Dr. Lorin I. Nevling, Jr.**

Director  
Field Museum of Natural History  
Administration  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. Washington University 1959

Phone (312)922-9410

Organisms Worked With: 1

Systematic Techniques: 20 21 24 27 28 29 30 31

Ecological Interests: 36 40 41

52 58

Geographical Areas: Veracruz, Mexico

Organism Specialties: New World Thymelaeaceae

Ecological Expertise:

#273

**Dr. Daniel L. Nickrent**

Asst. Professor & Dir. of Herbarium  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. Miami University-Oxford, Ohio 1984

Phone (217)333-1519

Organisms Worked With: 1 2

Systematic Techniques: 20 22 27 28 30 31

Ecological Interests:

Geographical Areas: western U.S.A., Mexico

Organism Specialties: Viscaceae (Loranthaceae) - Arceuthobium spp.

Ecological Expertise:

#274

**Mr. Leo G. Nico**

Fishery Biologist  
U.S. Army Corps of Engineers  
Environmental Analysis Branch  
215 Central Avenue  
Collinsville, IL 62234

M.S. 1982

Organisms Worked With: 9 11

Systematic Techniques:

Ecological Interests: 37 38 40 42

46 48 50 52 57

Geographical Areas: Madison County and Kaskaskia River, southwest Illinois; West Orinoco River basin, Venezuela

Organism Specialties: Cyprinodonts, Gymnotiformes, Serrasalminae

Ecological Expertise: tropical freshwater fish ecology; environmental assessment; avian surveys

#275

**Dr. P. James Nielsen**

Professor  
Western Illinois University  
Department of Biology  
Macomb, IL 61455

Ph.D. University of Nebraska 1968

Phone (309)298-1483

Organisms Worked With: 18

Systematic Techniques: 22 27

Ecological Interests: 37 38 40 41 45

63

Geographical Areas: McDonough County, Illinois

Organism Specialties: ciliates

Ecological Expertise: freshwater protozoa, protozoa of activated sludge, regulation of sewage plants

#276

**Mr. H. C. Nilsen**

Assistant Professor  
Eastern Illinois University  
Department of Zoology  
Life Science Building  
Charleston, IL 61920

M.S. University of Illinois 1968

Phone (217)581-2926

Organisms Worked With: 1 10 11 12 13 15 16 18

Systematic Techniques: 20 27

Ecological Interests: 37 38 39 41 42 45

50 52 56 58 59 63

Geographical Areas: Coles County, Illinois

Organism Specialties:

Ecological Expertise: aquatic ecosystems with emphasis on benthic and periphytic habitats

#277

**Dr. Matthew H. Nitecki**

Curator  
Field Museum of Natural History  
Department of Geology  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. University of Chicago 1968  
Phone (312) 922-9410

Organisms Worked With: 7 19  
Systematic Techniques: 20 21 27 28 33  
Ecological Interests: 38 39 40 42  
47 51

Geographical Areas: North America, Europe, Asia and Australia

Organism Specialties: Receptaculitales, Radiocyatales and Cyclocrinales

Ecological Expertise: paleoecology

#278

**Mr. Charles M. Nixon**

Wildlife Ecologist  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. Pennsylvania State University 1959  
Phone (217) 333-6856

Organisms Worked With: 8  
Systematic Techniques:  
Ecological Interests: 34 42 43  
46 48 52 58 62

Geographical Areas: east central Illinois, especially Piatt, Champaign and Vermilion Counties

Organism Specialties: Mammalia - Cervidae, Sciuridae

Ecological Expertise: demographic/life history studies of tree squirrels and white-tailed deer

#279

**Mr. Randy W. Nyboer**

District Biologist  
Illinois Department of Conservation  
Div. Forest Resources & Natural Heritage  
2612 Locust Street  
Sterling, IL 61081

M.S. Eastern Illinois University 1975  
Phone (815) 625-2968

Organisms Worked With: 1 2 3 4 8 9 10  
Systematic Techniques: 21 22 26 31  
Ecological Interests: 34 35 36 40 42 43 45  
47 50 52 58 59 60 61 62 63 64 65 66

Geographical Areas: northern and western Illinois; Missouri; Iowa

Organism Specialties: Asteraceae; lichens (foliose, fruticose and squamulose)

Ecological Expertise: natural areas and land assessment; natural community management and classification, field surveys and census; prairies, forest types; small mammal ecology; lead (Pb) contamination

#280

**Dr. Larrance Michael O'Flaherty**

Professor  
Western Illinois University  
Department of Biological Sciences  
Macomb, IL 61455

Ph.D. Oregon State University 1968  
Phone (309) 298-1487

Organisms Worked With: 4 7  
Systematic Techniques: 20 21 27 28  
Ecological Interests: 37 38 39 40 41 42 43 44  
50 58 63 64

Geographical Areas: west central Illinois

Organism Specialties: freshwater algae; bryophytes

Ecological Expertise: phytoplankton ecology

#281

**Steve Packard**

Field Representative  
The Nature Conservancy  
79 W. Monroe  
Chicago, IL 60603

Phone (312) 346-8166

Organisms Worked With: 1  
Systematic Techniques: 21  
Ecological Interests: 34 35 36 40 41 42 45  
54 58 59 60 61 63 65

Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: management, restoration and population monitoring of prairies and fens

#282

**Dr. Lawrence M. Page**

Ichthyologist  
Illinois Natural History Survey  
Section of Faunistic Surveys  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Illinois 1972  
Phone (217) 333-6847

Organisms Worked With: 11 13  
Systematic Techniques: 21 22 23 27 28 30 31  
Ecological Interests: 37 40 42 43  
46 48 51

Geographical Areas: North America

Organism Specialties: Percidae, Cyprinidae and Camaridae

Ecological Expertise: life histories; natural areas; evolutionary ecology



#283

**Mr. Ronald J. Panzer**

Naturalist  
Northeastern Illinois University  
Department of Biology  
5500 N. St. Louis Avenue  
Chicago, IL 60626

B.S. Northeastern Illinois University 1980  
Phone (312) 583-4050

Organisms Worked With: 1 12  
Systematic Techniques: 21  
Ecological Interests: 35 40 41 42  
47 48 50 52 58  
Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: prairie management; prairie insect communities  
prairie plant communities

#284

**Dr. Thomas Park**

Professor Emeritus  
University of Chicago  
Department of Biology  
1103 E. 57th Street  
Chicago, IL 60637

Ph.D. University of Chicago 1932  
Phone (312) 643-4299

Organisms Worked With: 12  
Systematic Techniques:  
Ecological Interests: 34 43 45  
48 55  
Geographical Areas:

Organism Specialties:

Ecological Expertise: population ecology; laboratory studies of  
competition

#285

**Dr. Pamela J. Parker**

Conservation Biologist  
Chicago Zoological Society  
Research Department  
3300 Golf Road  
Brookfield, IL 60513

Ph.D. Yale University 1974

Phone (312) 485-0263 Ext. 448

Organisms Worked With: 1 6 8  
Systematic Techniques:  
Ecological Interests: 34 35 36 40 41 43  
46 47 48 50 51 52 55 56 57 58 59 60 61 62 63 65  
Geographical Areas: Brookfield Conservation Park, Blanchetown,  
South Australia  
Organism Specialties: Macropodidae, Vombatidae, Lagomorpha, Carnivora;  
Australian perennial arid zone woody plants, grasses and ephemerals,  
and lichens  
Ecological Expertise: wildlife ecology

#286

**Dr. Judith A. Damery Parrish**

Research Associate - Forestry  
University of Illinois  
Dept. of Plant Biology & Forestry  
RR 1 Box 24  
Blue Mound, IL 62513

Ph.D. University of Illinois 1978  
Phone (217) 676-8341

Organisms Worked With: 1  
Systematic Techniques: 31  
Ecological Interests: 34 35 40 41 42 43 44  
47 48 50 51 56 57 58 59 63 65  
Geographical Areas: Ford, Champaign and Christian Counties, Illinois;  
Comanche County, Oklahoma  
Organism Specialties:

Ecological Expertise: competition; pollination biology; prairie ecology

#287

**Dr. Bruce D. Patterson**

Assistant Curator  
Field Museum of Natural History  
Division of Mammals  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605-2496

Ph.D. New Mexico State University 1981  
Phone (312) 922-9410 Ext. 227

Organisms Worked With: 8  
Systematic Techniques: 20 21 28 30  
Ecological Interests: 40 42  
48 51  
Geographical Areas: Colorado, New Mexico; Chile

Organism Specialties: Rodentia: Sciuridae - Eutamias; Geomyidae -  
Thomomys; Cricetidae in South America  
Ecological Expertise:

#288

**Mr. Ray L. Pawley**

Curator  
Chicago Zoological Park  
Herpetology Department  
Brookfield, IL 60513

Phone (312) 485-0263

Organisms Worked With: 8 9 10  
Systematic Techniques: 21 26 27 33  
Ecological Interests: 34 41 42 44 45  
46 51 53 56 57 58  
Geographical Areas: Cook and DuPage Counties, Illinois; New Mexico,  
South Dakota, Michigan and Georgia; Mexico; Dominican Republic;  
Galapagos Islands  
Organism Specialties: Reptilia and Amphibia  
Ecological Expertise: zoological parks

#289

**Mrs. Lisa Brooks Pendergast**

Aquatic Ecologist  
Woodhaven Association  
P.O. Box 6  
Sublette, IL 61367

M.S. Clarion State 1980  
Phone (815) 849-5916

Organisms Worked With: 7 11 12

Systematic Techniques: 27

Ecological Interests: 39 43 45  
62

Geographical Areas: Lee County, Illinois

Organism Specialties: Chironomidae

Ecological Expertise: lake management: weeds, sediments, fisheries,  
chemistry and mosquito abatement

#290

**Dr. Charles H. Perino**

Chief, Natural Science  
Illinois Dept. of Transportation  
Bureau of Location and Environment  
2300 S. Dirksen Parkway  
Springfield, IL 62764

Ph.D. North Carolina State University 1978  
Phone (217) 785-2943

Organisms Worked With: 1

Systematic Techniques: 27 28

Ecological Interests: 35 40 41 42 43  
47 50 63

Geographical Areas: southwestern U.S.A.; Mexico

Organism Specialties: Caprifoliaceae - Lonicera; Asteraceae

Ecological Expertise: vegetation analysis and description

#291

**Dr. Janice V. Perino**

Manager and Ecotoxicologist  
Illinois E.P.A.  
Office of Chemical Safety  
2200 Churchill Road  
Springfield, IL 62706

Ph.D. North Carolina State University 1975  
Phone (217) 785-0830

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 41 43  
64

Geographical Areas:

Organism Specialties:

Ecological Expertise: ecotoxicology; wetlands; endangered species;  
community description; impact analysis

#292

**Dr. Bruce W. Petersen**

Assistant Professor  
Southern Illinois University  
Department of Zoology  
Carbondale, IL 62901

Ph.D. University of Colorado 1968  
Phone (618) 536-2314

Organisms Worked With: 1 12 14

Systematic Techniques:

Ecological Interests: 35 36 40 43  
47 50 52 53 61

Geographical Areas: Jackson, Williamson and Union Counties, Illinois

Organism Specialties:

Ecological Expertise: pollination ecology; mimicry theory; terrestrial  
microarthropods

#293

**Dr. David P. Philipp**

Associate Fisheries Geneticist  
Illinois Natural History Survey  
Section of Aquatic Biology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Massachusetts 1976  
Phone (217) 333-6897

Organisms Worked With: 11

Systematic Techniques: 20 22 25 26 31

Ecological Interests: 37 40 41 42 43 45  
46 51 57

Geographical Areas: North America

Organism Specialties: Centrarchidae

Ecological Expertise: ecological genetics

#294

**Dr. Tom L. Phillips**

Professor & Head  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. Washington University-St. Louis 1961  
Phone (217) 333-0653

Organisms Worked With: 2 3

Systematic Techniques: 20 21 27 29

Ecological Interests: 35 36 40 41 42  
51 63

Geographical Areas: fossil coal-swamp plants of eastern U.S.A.,  
western Europe, Donetz (U.S.S.R.) and southwest China

Organism Specialties: fossil ferns - Coenopteridales, Marattiales;  
fossil lycopods - Lepidodendrales

Ecological Expertise: Pennsylvanian-age paleotropical ecology, with  
emphasis on reproductive biology and community ecology of vascular plants

#295

**Dr. Ronald H. Pine**

Professor  
George Williams College  
LERA  
555 Thirty-first Street  
Downers Grove, IL 60515-9960

Ph.D. Texas A & M University 1968  
Phone (312) 964-3100 Ext. 356

Organisms Worked With: 8 9 10 11 12 13 14 15

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 35 40 41 42 43

46 47 48 50 51 52 53 54 62 63

Geographical Areas: DuPage County, Illinois; West Indies, Mexico,  
Central America and South America

Organism Specialties: bats, rodents, opossums

Ecological Expertise: environmental impact, faunal surveys, ecological  
assessment; reproductive ecology, evolutionary ecology

#296

**Dr. John J. Pizzimenti**

Senior Ecologist  
Harza Engineering Co.  
Department of Environmental Sciences  
150 S. Wacker Drive  
Chicago, IL 60606

Ph.D. Kansas University 1974  
Phone (312) 855-7000

Organisms Worked With: 8 9 10 11

Systematic Techniques: 21

Ecological Interests: 35 38 41 42 43 44 45

50 61 62

Geographical Areas: Illinois, western U.S.A.; Latin America

Organism Specialties: Rodentia

Ecological Expertise: human ecology, human impacts; water resources,  
dams, reservoirs, hydroelectric energy development

#297

**Dr. Roy E. Plotnick**

Assistant Professor  
University of Illinois at Chicago  
Department of Geological Sciences  
Box 4348  
Chicago, IL 60680

Ph.D. University of Chicago 1983  
Phone (312) 996-2111

Organisms Worked With: 13 14 19

Systematic Techniques: 21 23 30 33

Ecological Interests: 38 39 40 42

51 66

Geographical Areas: worldwide

Organism Specialties: fossil chelicerates, especially eurypterids and  
xiphosurans; recent partunid crabs

Ecological Expertise: paleoecology, processes of decomposition

#298

**Dr. Timothy Plowman**

Associate Curator  
Field Museum of Natural History  
Botany Department  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605-2496

Ph.D. Harvard University 1973  
Phone (312) 922-9410 Ext. 317

Organisms Worked With: 1

Systematic Techniques: 20 21 22 24 26 27 28 29

Ecological Interests:

Geographical Areas: Dauphin and Sullivan Counties, Pennsylvania;  
tropical South America (especially Peru, Ecuador, Columbia, Brazil and  
Venezuela)

Organism Specialties: Erythroxylaceae - Erythroxylum; Solanaceae -  
Brunfelsia, Brugmansia

Ecological Expertise: floristics and ethnobotany

#299

**Mr. Alfred F. Pogge**

Associate Professor  
Quincy College  
Biology Department  
Quincy, IL 62301

M.S. University of Wyoming 1962  
Phone (217) 222-8020 Ext. 373

Organisms Worked With: 1 11 12

Systematic Techniques: 20 27

Ecological Interests: 37 38 42 45

50

Geographical Areas: Adams and Pike Counties, Illinois; Mississippi  
River between Hannibal and LaGrange, Missouri

Organism Specialties: Plecoptera, Ephemeroptera, Trichoptera;  
angiosperms

Ecological Expertise: limnology of small lakes and streams; local spring  
flowering plants

#300

**Mr. Irwin Polls**

Aquatic Biologist  
Metro. Sanitary District of Chicago  
Biology Research  
550 S. Mercham Road  
Schaumburg, IL 60193

M.S. Oregon State University 1970  
Phone (312) 529-7700

Organisms Worked With: 12 13 15 16

Systematic Techniques: 20 21 27 28

Ecological Interests: 38 39 41 43 44

47 50 64

Geographical Areas: Cook County, northeastern Illinois

Organism Specialties: Chironomidae, Tubificidae

Ecological Expertise: water quality and environmental problems

#301

**Mr. Thomas A. Pooley**  
Graduate Student

7410 Dixon, Apt. H.  
Forest Park, IL 60130

B.A. So. Illinois University 1973  
Phone (312) 366-2352

Organisms Worked With: 12  
Systematic Techniques: 27 28  
Ecological Interests: 37 38 39 40 45  
47 48 66

Geographical Areas: DeKalb and Kane Counties, Illinois  
Organism Specialties: Odonata

Ecological Expertise: aquatic ecology, aquatic insects and their life histories

#302

**Dr. Thomas L. Poulson**  
Professor  
University of Illinois  
Department of Biological Sciences  
P.O. Box 4348  
Chicago, IL 60680

Ph.D. University of Michigan 1961  
Phone (312) 996-4537

Organisms Worked With: 1 3 8 9 10 11 12 13 14  
Systematic Techniques:  
Ecological Interests: 34 35 36 37 38 39 40 41 42 43 44  
48 50 51 52 56 57 58 59 60 63

Geographical Areas: Union, Cook and Lake Counties, Illinois; Warren Dunes, Michigan; Mammoth Cave, Kentucky; Panama; Brazil  
Organism Specialties:

Ecological Expertise: physiological and evolutionary ecology; floating plants, aquatic microcosms; hardwood forest dynamics; caves; dunes; birds; fish; crustaceans; functional morphology

#303

**Dr. James R. Purdue**  
Curator  
Illinois State Museum  
Zoology Section  
Spring & Edwards  
Springfield, IL 62706

Ph.D. University of Oklahoma 1974  
Phone (217) 785-4843

Organisms Worked With: 8  
Systematic Techniques: 27 30  
Ecological Interests: 40  
51 66

Geographical Areas:

Organism Specialties: North American mammals, especially *Odocoileus*

Ecological Expertise: Holocene paleobiology of North American mammals

#304

**Mr. Steven F. Railsback**  
Environmental Engineer  
Ft. Richardson Engin. & Housing  
Environmental Branch  
Attn. AFZT-EH-PSE  
Ft. Richardson, AK 99508

M.S. University of Illinois 1981  
Phone (907) 863-7185

Organisms Worked With: 11 12  
Systematic Techniques: 33  
Ecological Interests: 37 41 42 43 45  
50 55

Geographical Areas: Illinois, especially the Kaskaskia River and Champaign and Vermilion Counties; Arctic regions  
Organism Specialties: aquatic macroinvertebrates and fishes

Ecological Expertise: habitat modelling and instream flow needs for fish and aquatic invertebrates

#305

**Mr. Arlo J. Raim**  
Research Assistant  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Drive  
Champaign, IL 61820

M.A. Western Michigan University 1975  
Phone (217) 333-0507

Organisms Worked With: 1 9  
Systematic Techniques:  
Ecological Interests: 34 40 42  
46 48 52

Geographical Areas: east central Illinois; Wisconsin

Organism Specialties:

Ecological Expertise: movements and behavior of brown-headed cowbirds; field census and banding of birds; study of bird movements through use of radio telemetry

#306

**Dr. James R. Rastorfer**  
Professor & Chairman  
Chicago State University  
Department of Biological Sciences  
95th Street and King Drive  
Chicago, IL 60466

Ph.D. Washington State University 1967  
Phone (312) 995-2183

Organisms Worked With: 1 4  
Systematic Techniques: 27 28  
Ecological Interests: 34 35 42 43  
47 57 60 61 63

Geographical Areas: Illinois, especially Grundy County; Midwest grasslands and woodlands; Alaskan tundra  
Organism Specialties: Bryophyta - Musci

Ecological Expertise: physiological ecology of bryophytes and the role of bryophytes in the structure and function of biotic communities

#307

**Mr. James Vernon Rauff**

Professor

College of Lake County

Division Math, Engineering &amp; Phys. Sci.

Grayslake, IL 60030

M.A. Loyola University of Chicago 1981

Phone (312) 223-6601

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 35 36 40 42 45

46 51 55 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: mathematical modelling of primate behavior and ecology

#308

**Dr. Paul L. Redfearn, Jr.**

Professor

Southwest Missouri State University

Department of Biology

Springfield, MO 65804

Ph.D. Florida State University 1957

Phone (417) 836-5882

Organisms Worked With: 1 3 4

Systematic Techniques: 21

Ecological Interests: 36 42 43

50 52 63

Geographical Areas: Ozark Hills

Organism Specialties: bryophytes

Ecological Expertise:

#309

**Dr. Charles A. Reed**

Professor Emeritus

University of Illinois at Chicago

Department of Anthropology

Box 4348

Chicago, IL 60680

Ph.D. Univ. of California-Berkeley 1943

Phone (312) 996-9610

Organisms Worked With: 8 10

Systematic Techniques: 20

Ecological Interests:

51 53 66

Geographical Areas: western U.S.A. (Tertiary); Iraq, Iran and Egypt (Quaternary)

Organism Specialties: Insectivora - Talpidae and other small extinct burrowing mammals

Ecological Expertise: prehistoric human cultural evolution

#310

**Mr. Stewart Bowman Reid**

Graduate Student

Southern Illinois University

Department of Biology

Edwardsville, IL 62026

B.A. Univ. of California-Berkeley 1978

Phone (618) 692-3927

Organisms Worked With: 11

Systematic Techniques: 21 23 27 28

Ecological Interests: 37

46 48 52

Geographical Areas: northern South America, especially Venezuela

Organism Specialties: Pimelodidae - Pseudoplatystoma; Cichlidae - Crenicichla

Ecological Expertise: tropical aquatic systems and resources; aerial population censusing (large birds, crocodiles)

#311

**Dr. Keturah A. Reinbold**

Associate Professional Scientist

Illinois Natural History Survey

Section of Aquatic Biology

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. University of Illinois 1974

Phone (217) 333-6897

Organisms Worked With: 7 11 12 13 15 16

Systematic Techniques: 20 27 28

Ecological Interests: 37 38 39 40 41 42 43 44 45

50 57 64

Geographical Areas:

Organism Specialties:

Ecological Expertise: impacts of environmental contaminants, particularly in aquatic ecosystems

#312

**Mr. Eric M. Reishus**

Biologist

Union Electric Company

Environmental Services Department

P.O. Box 149, Code 602

St. Louis, MO 63166

M.S. S. Illinois Univ.-Edwardsville 1982

Phone (314) 554-2978

Organisms Worked With: 1 9 10 11 12 13 15 16

Systematic Techniques: 20 26 27

Ecological Interests: 34 35 36 37 38 39 41 42 43

47 50 52 53 55 56 62 63 54 65

Geographical Areas: aquatic: middle Mississippi River, lower Missouri River, lower Osage River, lower Illinois River; terrestrial: central eastern Missouri, southeast Iowa

Organism Specialties: teleost fishes; Mollusca; some Diptera; Copepoda Cladocera

Ecological Expertise: environmental assessment; population dynamics; resource management

#313

**Mr. Alan Robert Resetar**

Collection Manager  
Field Museum of Natural History  
Division of Amphibians and Reptiles  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605-2496

B.S. Purdue University-Calumet 1978  
Phone (312) 922-9410 Ext. 271

Organisms Worked With: 1 10  
Systematic Techniques: 21 27 28  
Ecological Interests: 35 40 42 43  
47 50 52

Geographical Areas: Cook County, Illinois; Lake and Porter Counties, Indiana; central and southern Africa; Libya  
Organism Specialties: African colubrid snakes: Polemon, Chilorhinophis and Poecilopholis  
Ecological Expertise: field census of amphibians, reptiles, fish and prairie plants

#314

**Dr. Garland T. Riegel**

Professor Emeritus  
Eastern Illinois University  
Department of Zoology  
Charleston, IL 61920

Ph.D. University of Illinois 1947  
Phone (217) 345-6164

Organisms Worked With: 12  
Systematic Techniques: 20 21 27 28  
Ecological Interests:  
58

Geographical Areas: U.S.A. and Canada  
Organism Specialties: Zoraptera; Hymenoptera: Braconidae, Dacninae - Chaenusa, Chorebidea, Chorebidea, Symphyta, Sarops, Coelinae, Chorebus  
Ecological Expertise:

#315

**Dr. Paul G. Risser**

Chief  
Illinois Natural History Survey  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Wisconsin 1967  
Phone (217) 333-6830

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 34 35 36 40 41 42 45  
47 49 50 52 54 57 60 61 62 63  
Geographical Areas: Illinois, Oklahoma  
Organism Specialties:

Ecological Expertise: community analysis, ecosystem modelling, resource management

#316

**Dr. Kenneth Ray Robertson**

Associate Botanist  
Illinois Natural History Survey  
Section of Botany & Plant Pathology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. Washington University 1971  
Phone (217) 333-6886

Organisms Worked With: 1  
Systematic Techniques: 23 24 27 28 29  
Ecological Interests:  
50 51 65  
Geographical Areas: Illinois; southeastern U.S.A.

Organism Specialties: Rosaceae; Amaranthaceae - Amaranthus; Convolvulaceae - Jacquemontia  
Ecological Expertise: natural areas, prairies

#317

**Dr. Philip A. Robertson**

Associate Professor  
Southern Illinois University  
Department of Botany  
Carbondale, IL 62901

Ph.D. Colorado State University 1968  
Phone (618) 536-2331

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 34 35 40 41 42 43 45  
47 54 60 63  
Geographical Areas: southern Illinois  
Organism Specialties:

Ecological Expertise: plant community ecology, soil-site relationships of bottomland forests, forest regrowth and succession

#318

**Dr. Scott K. Robinson**

Assistant Professional Scientist  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. Princeton University 1984  
Phone (217) 333-6857

Organisms Worked With: 9  
Systematic Techniques:  
Ecological Interests: 34 35 40 42 43  
46 48 50 51 54  
Geographical Areas: Lake Shelbyville, Pope and Union Counties, Illinois; Manu National Park, Peru  
Organism Specialties:

Ecological Expertise: community ecology of forest birds in temperate and tropical regions; mating systems of birds; foraging ecology of birds; brood parasitism; habitat selection

#319

**Dr. Gary L. Rolfe**

Professor & Head  
University of Illinois  
Department of Forestry  
110 Mumford Hall, 1301 W. Gregory St.  
Urbana, IL 61801

Ph.D. University of Illinois 1971  
Phone (217) 333-2771

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43 45  
49 50 55 56 61 62 63

Geographical Areas: southern Illinois bottomlands along the Ohio, Wabash and Mississippi Rivers; Shawnee National Forest, especially Pope County; central Illinois bottomlands on the Illinois and Sangamon Rivers

Organism Specialties:

Ecological Expertise: mineral cycling; soil-plant interactions

#320

**Mrs. Ruth Andrews Rosdail**

Biologist  
U.S. Army Corps of Engineers  
Environmental Analysis Branch  
Clock Tower Building  
Rock Island, IL 61201

B.S. Eastern Michigan University 1977  
Phone (309) 788-6361

Organisms Worked With: 1 2 8 9 10 11 15

Systematic Techniques: 21

Ecological Interests: 36 39 40 42 43 44 45  
46 48 50 52 54 58 62 65

Geographical Areas: Iowa, Missouri, Wisconsin

Organism Specialties:

Ecological Expertise:

#321

**Dr. George B. Rose**

Staff Ecologist  
Illinois Dept. of Transportation  
Bureau of Location and Environment  
2300 S. Dirksen Parkway  
Springfield, IL 62764

Ph.D. University of Georgia 1969  
Phone (217) 785-2830

Organisms Worked With: 8 9 10 11

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43  
48 49 50 54 56 63

Geographical Areas:

Organism Specialties:

Ecological Expertise: ecology of cottontail rabbits; radionuclide cycling; small mammals; ecological energetics; endangered species; ecological effects of transportation projects

#322

**Mr. John L. Roseberry**

Associate Scientist  
Southern Illinois University  
Cooperative Wildlife Research Lab.  
Carbondale, IL 62901

M.A. So. Illinois Univ.-Carbondale 1961  
Phone (618) 536-7766

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 40 41 42 45  
48 62

Geographical Areas: southern Illinois

Organism Specialties:

Ecological Expertise:

#323

**Mr. Mark A. Rosenthal**

Curator of Mammals  
Lincoln Park Zoo  
2200 N. Cannon Drive  
Chicago, IL 60614

M.A. Northeastern Illinois University 1976  
Phone (312) 294-4660

Organisms Worked With: 8

Systematic Techniques: 26 31

Ecological Interests: 36 44 45  
46 48 58

Geographical Areas:

Organism Specialties: Primata; Marsupialia; Insectivora

Ecological Expertise:

#324

**Dr. William G. Ruesink**

Associate Entomologist  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. Michigan State University 1972  
Phone (217) 333-6820

Organisms Worked With: 12

Systematic Techniques: 21 27

Ecological Interests: 34 41 45  
55 58

Geographical Areas: Illinois, eastern U.S.A.

Organism Specialties: Coleoptera - Chrysomelidae - Hispinae

Ecological Expertise: modelling insect population dynamics and insect/crop interactions

#325

**Dr. Glen C. Sanderson**

Wildlife Specialist & Sec. Head  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Illinois 1961  
Phone (217) 333-6870

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34

50 52 62

Geographical Areas: Champaign and Fulton Counties, west central Illinois

Organism Specialties:

Ecological Expertise: ecology of the raccoon

#326

**Dr. Malcolm Lee Sargent**

Associate Professor  
University of Illinois  
Dept. of Genetics & Development  
515 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. Stanford University 1967  
Phone (217) 333-0287

Organisms Worked With: 4 5

Systematic Techniques: 22 27 31

Ecological Interests:

Geographical Areas: east central Illinois, west central Indiana

Organism Specialties: Bryophyta

Ecological Expertise: reproductive biology; phenology and environmental control of reproduction

#327

**Dr. J. Henry Sather**

Professor  
Western Illinois University  
Institute for Environmental Mgt.  
Macomb, IL 61455

Ph.D. University of Nebraska 1952  
Phone (309) 833-5341

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 39 41 42 43 44 45

50 54 58 62 63

Geographical Areas: U.S.A., India

Organism Specialties:

Ecological Expertise: wetlands: inventory, assessment of values, and classification

#328

**Dr. Jeffery J. Saunders**

Associate Curator  
Illinois State Museum  
Dept. of Vertebrate Paleontology  
Spring and Edwards  
Springfield, IL 62706

Ph.D. University of Arizona 1975  
Phone (217) 785-4844

Organisms Worked With: 8

Systematic Techniques: 20 21 27 28 33

Ecological Interests: 34 35 40 42

50 51 55 58 63 66

Geographical Areas: central Illinois; western Missouri and Missouri

Ozarks; New Mexico; northern Pakistan

Organism Specialties: Proboscidea: Mammutidae, Elephantidae;

Mammut, Mammuthus

Ecological Expertise: plant/animal and man/animal interactions at the end of the Pleistocene (ca. 12,000 - 10,000 years ago), involving, specifically, mastodonts and mammoths

#329

**Mr. Scott A. Schaefer**

Graduate Student  
University of Chicago  
Committee on Evolutionary Biology  
1101 E. 57th Street  
Chicago, IL 60637

M.S. Univ. of South Carolina 1982

Organisms Worked With: 11

Systematic Techniques: 20 21 23 27

Ecological Interests: 37 38 40 42 43

48 51

Geographical Areas: Illinois, Indiana, Ohio, Missouri, Pennsylvania; South America

Organism Specialties: Pisces - Teleostomi, Ostariophysi: Cyprinidae - Notropis; Siluriformes - Loricariidae

Ecological Expertise: marine: early life history of fishes, recruitment and population dynamics; freshwater: trophic and habitat zonation

#330

**Dr. Douglas W. Schemske**

Assistant Professor  
University of Chicago  
Department of Biology  
5630 S. Ingleside  
Chicago, IL 60637

Ph.D. University of Illinois 1977  
Phone (312) 962-3417

Organisms Worked With: 1 12

Systematic Techniques:

Ecological Interests: 34 35 41 42

48 51 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: plant reproduction; pollination; coevolution



#331

**Dr. Wayne Edward Schennum**

Ecologist

Iowa Natural Areas Inventory

Iowa Conservation Commission

Wallace State Office Building

Des Moines, IA 50319

Ph.D. Univ. of Illinois at Chicago 1975

Phone (515) 281-3891

Organisms Worked With: 1 2 3 10 12

Systematic Techniques: 20 21 27

Ecological Interests: 35 38 40 42

47 48 50 51 52 58 63

Geographical Areas: northeast and north central Illinois, Iowa, southeast Wisconsin, northwest Indiana and southwest Michigan  
 Organism Specialties: Lepidoptera - Papilionidea; angiosperms

Ecological Expertise: vegetation ecology; classification and evaluation of plant communities for inventory purposes; successional and geological relations, biogeographic history and management of natural communities

#332

**Mr. Jerry Roy Schloemer**

Owner, biological supply company

Complete Scientific

P.O. Box 307

Round Lake, IL 60073

B.S. Stanford University

Phone (312) 546-3350

Organisms Worked With: 1 9 12

Systematic Techniques: 21 27 28

Ecological Interests:

Geographical Areas: Illinois plants; worldwide insects and birds  
 Organism Specialties: Papilionidae, Nymphalidae, Saturniidae, Lucanidae

Ecological Expertise:

#333

**Mr. George H. Schneider**

Associate Professor

Quincy College

Department of Biological Sciences

1831 College

Quincy, IL 62301

M.S. University of Nebraska 1963

Phone (217) 222-8020

Organisms Worked With: 1 8 9 15

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 35 37 40 42 43

50 52 62

Geographical Areas: Adams and Pike Counties, Illinois

Organism Specialties: Unionoida, Aves and Mammalia

Ecological Expertise: wildlife management

#334

**Jean D. Schoknecht**

Associate Mycologist (adjunct)

Illinois Natural History Survey

Department of Botany and Plant Pathology

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. University of Illinois 1972

Phone (217) 333-6887

Organisms Worked With: 5 6 19

Systematic Techniques: 27 28 33

Ecological Interests: 36 37 40 42 43 44 45

48 50 56 59

Geographical Areas: Champaign, Clark and Vermilion Counties, Illinois; southern Illinois; Indiana; Georgia and Florida

Organism Specialties: Fungi: Ascomycetes, Myxomycetes, lichens, Hyphomycetes, Basidiomycetes

Ecological Expertise: terrestrial, swamps and bogs, especially subtropical

#335

**Dr. Peter Schramm**

Professor &amp; Field Station Director

Knox College

Biology Department

Galesburg, IL 61401

Ph.D. Univ. of California-Berkeley 1963

Phone (309) 343-0112 Ext. 399

Organisms Worked With: 1 8 9

Systematic Techniques: 20 21 23 24 27 28 31

Ecological Interests: 34 35 36 40 41 42 43 45

46 48 50 52 54 58 59 60 61 62 63 65

Geographical Areas: Knox County, Illinois; Iowa; Florida Keys

Organism Specialties: Rodentia, Carnivora; prairie plants

Ecological Expertise: prairie restoration, prairie mammals and birds, natural habitat management and restoration - prairies, forests and wetlands

#336

**Mr. John Edwin Schwegman**

Botany Program Manager

Illinois Department of Conservation

Div. of Forest Resources &amp; Nat. Heritage

600 North Grand Avenue West

Springfield, IL 62706

M.A. Southern Illinois University 1969

Phone (217) 782-2361

Organisms Worked With: 1 2 3

Systematic Techniques: 21 27 28

Ecological Interests: 34 35 41 42 45

47 50 52 62 63 65

Geographical Areas: Illinois

Organism Specialties: Illinois vascular plants, especially endangered and threatened species

Ecological Expertise: natural vegetation ecology and management

#337

**David S. Seigler**

Professor  
University of Illinois  
Department of Plant Biology  
289 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. University of Oklahoma-Norman 1967  
Phone (217) 333-7577

Organisms Worked With: 1 3 12  
Systematic Techniques: 21 22 23 28 30 31  
Ecological Interests: 34  
51 58 59 60

Geographical Areas: Illinois; southwestern U.S.A., Texas; Mexico; Latin America

Organism Specialties: Fabaceae, especially Mimosoideae - Acacia; Sapindaceae; cheilantheid ferns  
Ecological Expertise: utilization of chemical characters based on secondary plant metabolites for study of ecological problems

#338

**Ms. Jean A. Sellar**

Instructor  
De Paul University  
School of New Learning  
23 E. Jackson Boulevard  
Chicago, IL 60643

M.S. Governors State University 1979  
Phone (312) 445-5265

Organisms Worked With: 8 9  
Systematic Techniques:  
Ecological Interests: 35 42 43 45  
46 50 52 58 62

Geographical Areas: northeast Illinois; Upper Michigan; Minnesota; Canada

Organism Specialties:

Ecological Expertise: behavioral ecology; animal management and protection

#339

**Mr. Thomas N. Seng**

Division Manager  
Soyland Power Cooperative Inc.  
Administrative Services  
675 W. Imboden, P.O. Box A1606  
Decatur, IL 62525

M.S. Eastern Illinois University 1970  
Phone (217) 423-8000

Organisms Worked With:  
Systematic Techniques: 27 28  
Ecological Interests: 36 39 40 41 42  
50

Geographical Areas: Pike County, Illinois; Wabash River, Illinois River, Mississippi River; Iowa

Organism Specialties: Chironomidae, Tubificidae

Ecological Expertise: environmental impact assessment

#340

**Ms. Mary C. Severinghaus**

Lab Preparator & Education Spec.  
University of Illinois  
School of Life Sciences  
393 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

B.S. University of Illinois 1973  
Phone (217) 333-7428

Organisms Worked With: 8 9 12  
Systematic Techniques:  
Ecological Interests: 36  
46 52

Geographical Areas: Louisiana, Minnesota, North Dakota and Montana

Organism Specialties:

Ecological Expertise: censusing and sampling of bird and small mammal populations

#341

**Dr. William D. Severinghaus**

Ecologist  
U.S.A.-C.E.R.L.  
Environmental Division  
P.O. Box 4005  
Champaign, IL 61820

Ph.D. University of Illinois 1976  
Phone (217) 352-6511 Ext. 420

Organisms Worked With: 8 9  
Systematic Techniques: 20 21 23 28  
Ecological Interests: 34 35 41 42 43 45  
50 52 55 61 62

Geographical Areas: major U.S. Army training lands in Louisiana, Texas, Washington, Kentucky, Colorado, Kansas, Georgia, California, New York, North Carolina, Alabama and Oklahoma

Organism Specialties: Rodentia - Cricetidae - Microtus, Sigmodon

Ecological Expertise: effects of off-road vehicles on small mammal, song bird and vascular plant populations; impact mitigation

#342

**Mr. Walter Steven Sheppard**

Research Assistant  
University of Illinois  
Department of Entomology  
320 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

M.S. University of Illinois 1980  
Phone (217) 333-2929

Organisms Worked With: 1 12  
Systematic Techniques: 21 22 26 27  
Ecological Interests: 34 40 41  
46 51

Geographical Areas: eastern U.S.A., Norway, Germany, Italy and Sri Lanka

Organism Specialties: Hymenoptera, especially Apis

Ecological Expertise: pollination ecology, behavioral ecology

#343

**Mr. Paul Wayne Shetley**  
Environmental Scientist  
Envirodyne Engineers Inc.  
Science and Engineering  
12161 Lackland Road  
St. Louis, MO 63146

M.S. So. Illinois Univ.-Edwardsville 1983  
Phone (314) 434-6960

Organisms Worked With: 10 11  
Systematic Techniques: 21 25 31  
Ecological Interests: 36 38 39 40 41 43  
46 48 50 66

Geographical Areas: Madison County, Illinois; sandy environments in Illinois

Organism Specialties: Anura - Hylidae - *Pseudacris streckeri*

Ecological Expertise: aquatic ecology, especially small stream and wetlands habitat classification

#344

**Dr. Rolf Singer**  
Professor Emeritus/ Research Assoc.  
Field Museum of Natural History  
Botany Department  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Dr.S. Universite de Lausanne-Switzerland 1977

Organisms Worked With: 5 6  
Systematic Techniques: 20 21 23 24 25 27 28 30 31 33  
Ecological Interests: 35 36 40 41 42 43  
47 51 52 58 59 60 63 64

Geographical Areas: northern Illinois, Massachusetts, Florida, New Mexico, California; Argentina, Brazil, Peru, Ecuador, Columbia, Uruguay, Costa Rica, Mexico; Spain, France, Austria, Switzerland, U.S.S.R., Japan  
Organism Specialties: Basidiomycetes, especially Agaricales; ectomycorrhizal fungi

Ecological Expertise: tropical community classification and the roles and adaptation of fungi to these communities

#345

**Dr. Jeffery R. Single**  
Researcher  
Southern Illinois University  
School of Medicine  
Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1983  
Phone (618) 453-2886

Organisms Worked With: 8  
Systematic Techniques: 21 22 26  
Ecological Interests: 34 40 41 42 43 44 45  
46 48 52 55

Geographical Areas: Jackson and Williamson Counties, southern Illinois  
Organism Specialties: Rodentia; Investivora

Ecological Expertise: population ecology; demography; home range; statistical applications and modelling

#346

**Mr. Thomas M. Skelly**  
Assistant Supportive Scientist  
Illinois Natural History Survey  
Section of Aquatic Biology  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. University of Illinois 1979  
Phone (217) 333-9007

Organisms Worked With: 11 12  
Systematic Techniques:  
Ecological Interests: 38 39 40 41 42 43 45  
47 48 50 52 63 64

Geographical Areas: Will County, Kankakee River, east central Illinois

Organism Specialties:

Ecological Expertise: catostomid fishes; stream ecology; resource utilization, fish community classification; solid coal waste toxicology on aquatic organisms, cooling lake research

#347

**Dr. Allen Charles Skorepa**  
Research Associate  
Towson State University  
Department of Biology  
York Road  
Towson, MD 21204

Ph.D. University of Tennessee 1973  
Phone (301) 321-3034

Organisms Worked With: 6 10  
Systematic Techniques: 20 21 22 27  
Ecological Interests: 35 36 40 41 42 43  
50

Geographical Areas: southern Illinois; Maryland; Delaware; Virginia

Organism Specialties:

Ecological Expertise: effects of air pollution on lichens and terrestrial communities

#348

**Dr. Djaja D. Soejarto**  
Research Associate  
Field Museum of Natural History  
Botany Department  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Phone (312) 922-9410

Organisms Worked With: 1  
Systematic Techniques: 21 24 27 28 29  
Ecological Interests:

Geographical Areas: Illinois, Wisconsin, Indiana, Missouri; Mexico, Columbia, Ecuador, Peru, Bolivia, Paraguay, Brazil; Bangladesh, Sri Lanka, Thailand, Taiwan, Indonesia; Ghana

Organism Specialties: Actinidiaceae, especially *Saurauia*; Asteraceae, especially *Stevia*

Ecological Expertise:

#349

**Dr. Lars F. Soholt**

Ecologist  
Argonne National Laboratory  
Environmental Research Div., Bldg. 214  
9700 S. Cass Avenue  
Argonne, IL 60439

Ph.D. University of So. California 1971  
Phone (312) 972-3243

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 35 41 42 43 45  
49 50 57 58 62

Geographical Areas: southwestern and western U.S.A., including Alaska

Organism Specialties:

Ecological Expertise: small mammal ecology; ecological energetics; arid lands; impact assessment; wildlife interactions with human development; impacts of energy technologies

#350

**Ms. Mary Kay Solecki**

Assistant Supportive Scientist  
Illinois Natural History Survey  
Section of Faunistic Surveys  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. Southern Illinois University 1981  
Phone (217) 333-6827

Organisms Worked With: 1 2

Systematic Techniques:

Ecological Interests: 34 35 42 45  
47 59

Geographical Areas: Illinois; southern Missouri

Organism Specialties:

Ecological Expertise: structure and composition of tallgrass prairie; structure and composition of upland forests in Missouri

#351

**Dr. G. Alan Solem**

Curator  
Field Museum of Natural History  
Dept. of Zoology/Invertebrates  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605-2496

Ph.D. University of Michigan 1956  
Phone (312) 992-9410 Ext. 270

Organisms Worked With: 15

Systematic Techniques: 20 21 26 27 28 30 31 33

Ecological Interests: 34 35 36 40 42 43  
46 48 51 52 58 63

Geographical Areas: worldwide, especially Australia and Pacific Islands

Organism Specialties: land mollusks

Ecological Expertise: patterns of diversity; biogeography

#352

**Mr. David Scott Sollenberger**

Naturalist  
Chicago Botanic Garden  
Research Department  
P.O. Box 400, Lake-Cook Road,  
Glencoe, IL 60022

B.A. Southern Illinois University 1980  
Phone (312) 835-5440 Ext. 47

Organisms Worked With: 1 2 3

Systematic Techniques:

Ecological Interests: 35 36 38 42 43 44 45  
47 59 60 65

Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: northeastern Illinois prairie habitats

#353

**Dr. Paul D. Sorensen**

Associate Professor & Curator  
Northern Illinois University  
Department of Biological Sciences  
De Kalb, IL 60115-2854

Ph.D. University of Iowa 1967  
Phone (815) 753-0433

Organisms Worked With: 1 2 3

Systematic Techniques: 21 24 26 27 28 30 33

Ecological Interests: 34 35 36 40 41 42 43  
47 50 51 52 58 63 65 66

Geographical Areas: northern Illinois, Wisconsin, Iowa, Minnesota, southwest states and Pacific coast states; Mexico; Central America  
Organism Specialties: Asteraceae - Heliantheae - Coreopsidinae - Dahlia; Ericaceae - Arbutus; Phytolaccaceae - genera of the southwest U.S.A.  
Ecological Expertise: monarch butterfly and milkweed chemical ecology; environmental assessment; autecology of selected prairie plant taxa

#354

**Dr. Richard E. Sparks**

Aquatic Biologist  
Illinois Natural History Survey  
River Research Lab  
Box 599  
Havana, IL 62644

Ph.D. Virginia Polytechnic Institute 1971  
Phone (309) 543-3950

Organisms Worked With: 11 15

Systematic Techniques: 27

Ecological Interests: 37 38 39 40 41 42 43  
50 55 56 58 62 63 64

Geographical Areas: Illinois and Mississippi Rivers and their bottomland lakes, backwaters and wetlands

Organism Specialties: Unionidae, Shaeriidae and Corbiculidae

Ecological Expertise: ecology of large floodplain rivers; aquatic toxicology; pollution ecology

#355

**Dr. John M. Speer**

Professor  
Eastern Illinois University  
Department of Botany  
Charleston, IL 61920

Ph.D. Ohio State University 1966  
Phone (217) 581-3525

Organisms Worked With: 1 2 3 4 5 7  
Systematic Techniques: 24 26 27  
Ecological Interests:

Geographical Areas:  
Organism Specialties: Asteraceae - Silphium, Aster

Ecological Expertise:

#356

**Dr. Loretta D. Spiess**

Senior Research Associate  
Northwestern University  
Department of Biochemistry  
Hogan Hall  
Evanston, IL 60201

Ph.D. Harvard University 1953  
Phone (312) 492-7204

Organisms Worked With: 4 19  
Systematic Techniques: 27  
Ecological Interests: 34 36 40 42  
57 59 66

Geographical Areas: Cook County, Illinois

Organism Specialties: Bryophyta - Musci; bacteria

Ecological Expertise: bacterial associations with moss

#357

**Mr. Ken R. Spitze**

Graduate Student  
University of Illinois  
Dept. of Ecology, Ethology & Evolution  
606 E. Healey Street  
Champaign, IL 61820

B.S. University of Illinois 1982  
Phone (217) 333-2235

Organisms Worked With: 12 13  
Systematic Techniques:  
Ecological Interests: 34 35 37 38 40 42 44  
46 48 49 51 52 55

Geographical Areas: Champaign and Vermilion Counties, Illinois

Organism Specialties:

Ecological Expertise: predator-prey modelling, prey population demography, prey life history evolution, natural selection

#358

**Dr. Howard James Stains**

Professor  
Southern Illinois University  
Department of Zoology  
Carbondale, IL 62901

Phone (618) 536-2314

Organisms Worked With: 8  
Systematic Techniques: 27 28  
Ecological Interests: 34  
51 62

Geographical Areas: southern Illinois

Organism Specialties: Carnivora - Procyonidae, Canidae, Felidae

Ecological Expertise: food habits

#359

**Dr. Robert Rhea Stephens**

Associate Professor  
Bradley University  
Department of Biology  
1501 W. Bradley Avenue  
Peoria, IL 61625

Ph.D. Oklahoma State University 1967  
Phone (309) 676-7611 Ext. 480

Organisms Worked With: 11 18  
Systematic Techniques: 20 21 23 24 25 27 28 30 31  
Ecological Interests:

Geographical Areas: Peoria County, Illinois

Organism Specialties: Teleostomi

Ecological Expertise:

#360

**Dr. James G. Sternburg**

Professor  
University of Illinois  
Department of Entomology  
320 Morrill Hall, 505 S. Goodwin Ave.  
Urbana, IL 61801

Ph.D. University of Illinois 1952  
Phone (217) 333-1165

Organisms Worked With: 12  
Systematic Techniques:  
Ecological Interests: 34 40 42  
46 51 57 58

Geographical Areas: Piatt and Champaign Counties, central Illinois; Emmet County, Michigan

Organism Specialties:

Ecological Expertise: mimicry, survival strategies, behavior of insects (especially Lepidoptera)

#361

**Ms. Lori Stevens**

Research Assistant  
University of Illinois  
Department of Biological Sciences  
Box 4348  
Chicago, IL 60680

M.S. University of Illinois-Chicago 1981  
Phone (312) 996-5437

Organisms Worked With: 12  
Systematic Techniques:  
Ecological Interests: 34 44  
46 48 51 55 66  
Geographical Areas:

Organism Specialties:

Ecological Expertise:

#362

**Dr. Donald J. Stewart**

Assistant Curator & Division Head  
Field Museum of Natural History  
Division of Fishes  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

Ph.D. University of Wisconsin 1980  
Phone (312) 922-9410

Organisms Worked With: 11  
Systematic Techniques: 20 21 23 27 28 30  
Ecological Interests: 38 40 42 45  
47 49 51 55 58 62  
Geographical Areas: freshwaters of South America, especially the  
Amazon River basin in Ecuador and Peru  
Organism Specialties: Siluriformes, Gymnotiformes

Ecological Expertise: energetics models for salmonids; distributional  
ecology of Amazonian fishes

#363

**Dr. Robert R. Stickney**

Director  
Southern Illinois University  
Fisheries Research Laboratory  
Carbondale, IL 62901

Ph.D. Florida State University 1971  
Phone (618) 536-7761

Organisms Worked With: 11 13  
Systematic Techniques:  
Ecological Interests: 37 39 40 41 42 43 44 45  
50 55 56 57 62 66  
Geographical Areas: southern Illinois; Philippines, Egypt, Israel,  
Haiti, Brazil and Belize  
Organism Specialties: Ictaluridae, Cichlidae and Sciaenidae

Ecological Expertise: estuarine ecology, relationships between water  
quality and fishes, responses of fishes to habitat alteration, impacts of  
strip-mine lake acids on various aquatic communities

#364

**Dr. Benton M. Stidd**

Professor & Chairman  
Western Illinois University  
Department of Biological Sciences  
Macomb, IL 61455

Ph.D. University of Illinois 1968  
Phone (309) 298-2408

Organisms Worked With: 2 3  
Systematic Techniques: 20 27 29  
Ecological Interests:

Geographical Areas: Midwest coal-ball plants  
Organism Specialties: Paleozoic pteridosperms and pteridophytes

Ecological Expertise:

#365

**Dr. Kenneth J. Stimpfl**

Partner & Senior Ecologist  
Dames & Moore  
1550 Northwest Highway  
Park Ridge, IL 60067

Ph.D. Indiana University 1971  
Phone (312) 297-6120

Organisms Worked With:  
Systematic Techniques:  
Ecological Interests: 38 39 41 42 43  
50 56 57 64

Geographical Areas: Illinois, Wisconsin, Michigan and Indiana  
Organism Specialties:

Ecological Expertise: aquatic ecology, site selection and evaluation,  
wastes and discharges, impact assessment

#366

**Mr. Robert G. Stolze**

Custodian, Fern Herbarium  
Field Museum of Natural History  
Department of Botany  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

B.S. Notre Dame University 1949  
Phone (312) 922-9410

Organisms Worked With: 3  
Systematic Techniques: 21 27 28 29 33  
Ecological Interests:

Geographical Areas: Central America, Ecuador and Peru

Organism Specialties: pteridophytes: Cyatheaceae; Polypodiaceae -  
Asplenium  
Ecological Expertise:

#367

**Dr. Raymond Eugene Stotler**

Associate Professor  
Southern Illinois University  
Department of Botany  
Carbondale, IL 62901

Ph.D. University of Cincinnati 1968  
Phone (618) 536-2331

Organisms Worked With: 4 6  
Systematic Techniques: 20 21 22 24 27 28  
Ecological Interests: 35 39 40 42  
47

Geographical Areas: Illinois and worldwide  
Organism Specialties: Hepatophyta, Anthocerotophyta

Ecological Expertise: community structure

#368

**Dr. Carl A. Strang**

Educator  
Forest Preserve District DuPage Co.  
Willowbrook Forest Preserve  
Box 2339  
Glen Ellyn, IL 60138

Ph.D. Purdue University 1976  
Phone (312) 790-4900 Ext. 283

Organisms Worked With: 1 9 10 12  
Systematic Techniques:  
Ecological Interests: 35 40 42  
58

Geographical Areas: DuPage County, Illinois

Organism Specialties:

Ecological Expertise: community ecology of forest Lepidoptera;  
vertebrate behavioral ecology; urban wildlife management and public  
education; ecology of Glaucous Gulls, eastern box turtles and wood turtles

#369

**Dr. Elisabeth Ann Stull**

Ecologist  
Argonne National Laboratory  
Environmental Research Division  
9700 S. Cass Avenue  
Argonne, IL 60439

Ph.D. Univ. of California-Davis 1972  
Phone (312) 972-7801

Organisms Worked With: 7  
Systematic Techniques: 21 27 33  
Ecological Interests: 37 38 39 40 41 42 44  
47 48 50 51 52 66

Geographical Areas: southwestern U.S.A., northern Mexico

Organism Specialties: Dunaliella

Ecological Expertise: primary productivity, limnology, phytoplankton  
dynamics, saline environments, salt tolerance

#370

**Mr. Theodore D. Suchy**

Associate Professor  
Illinois Benedictine College  
Biology Department  
5700 College Road  
Lisle, IL 60532

M.S. Indiana University 1970  
Phone (312) 960-1500

Organisms Worked With: 8 9 18  
Systematic Techniques: 20 27  
Ecological Interests: 34 35 36 40 42 43  
46 54

Geographical Areas: DuPage County, Illinois

Organism Specialties:

Ecological Expertise: oak-hickory climax woods; pond ecology

#371

**Dr. Walter James Sundberg**

Associate Professor  
Southern Illinois University  
Department of Botany  
Carbondale, IL 62901

Ph.D. Univ. of California-Davis 1971  
Phone (618) 536-2331

Organisms Worked With: 5  
Systematic Techniques: 20 24 26 27 28  
Ecological Interests:

Geographical Areas: Illinois, especially Jackson, Williamson, Union  
and Randolph Counties; California; Missouri; Kentucky  
Organism Specialties: Ascomycetes and Basidiomycetes - Agaricales -  
Lepiotaceae - Lepiota  
Ecological Expertise:

#372

**Mr. Michael J. Sweet**

Endangered Species Coordinator  
Department of Conservation  
Endangered Species Protection Board  
600 N. Grand Avenue West  
Springfield, IL 72702

M.A. Southern Illinois University 1975  
Phone (217) 785-8774

Organisms Worked With: 1 8 9 10 11 15  
Systematic Techniques: 31  
Ecological Interests: 34 35 37 41 42 43 44 45  
46 50 52 53 58 62 63

Geographical Areas: Illinois

Organism Specialties: birds and mammals

Ecological Expertise: population ecology, habitat management

#373

**Mr. Floyd Allen Swink**

Taxonomist  
Morton Arboretum  
Collections Department  
4-S-123 Dorset Street  
Lisle, IL 60532

Phone (312) 968-0074

Organisms Worked With: 1 2 3 9

Systematic Techniques: 21 27 28 31

Ecological Interests: 34 35 36 42 43 44 45  
52 63 64 65 65

Geographical Areas: Chicago region, northeast Illinois

Organism Specialties: vascular flora of the Chicago region; cultivated woody plants of the temperate zone

Ecological Expertise: plant associations of the local vascular flora

#374

**Mr. David L. Swofford**

Biometrician  
Illinois Natural History Survey  
Section of Economic Entomology  
607 East Peabody Drive  
Champaign, IL 61820

M.S. Eastern Kentucky University 1982

Phone (217) 333-6828

Organisms Worked With: 11

Systematic Techniques: 23

Ecological Interests:

Geographical Areas:

Organism Specialties:

Ecological Expertise:

#375

**Ms. Diane Brennan Szafoni**

Research Assistant  
Illinois Natural History Survey  
Section of Botany & Plant Pathology  
607 East Peabody Drive  
Champaign, IL 61820

M.S. University of Illinois 1983

Phone (217) 333-6898

Organisms Worked With: 1

Systematic Techniques: 27 28 30

Ecological Interests: 35 41 43  
61

Geographical Areas: Illinois

Organism Specialties: Poaceae - Panicum, Dichanthelium

Ecological Expertise:

#376

**Mr. Robert E. Szafoni**

Technical Assistant  
Illinois Natural History Survey  
Section of Wildlife Research  
607 East Peabody Drive  
Champaign, IL 61820

M.S. University of Illinois 1983

Phone (217) 333-7513

Organisms Worked With: 9

Systematic Techniques:

Ecological Interests: 34 35 40 42 43  
46 50 52 54 61Geographical Areas: Champaign and Vermilion Counties, Illinois;  
Upper Peninsula, Michigan

Organism Specialties:

Ecological Expertise: avian ecology

#377

**Mr. Kent R. Taylor**

Project Asst., Flora of Veracruz  
Field Museum of Natural History  
Botany Department  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605

B.A. Denison University 1981

Phone (312) 922-9410 Ext. 229

Organisms Worked With: 1 2

Systematic Techniques: 21 27 28

Ecological Interests: 40  
47 52

Geographical Areas: Veracruz, Mexico

Organism Specialties: Pinaceae - Pinus and Abies (of Mexico and U.S.A.)

Ecological Expertise:

#378

**Mrs. Pamela P. Tazik**

Junior Professional Scientist  
Illinois Natural History Survey  
Section of Aquatic Biology  
607 East Peabody Drive  
Champaign, IL 61820

M.S. Clarion State College 1978

Phone (217) 333-6125

Organisms Worked With: 1 11

Systematic Techniques:

Ecological Interests: 35 36 37 38 39 41 42 45  
48 49 55 56 58 59 62 65

Geographical Areas: Champaign County, Illinois

Organism Specialties: Potamogetonaceae, Najadaceae

Ecological Expertise: aquatic plant ecology, microbial ecology



#379

**Dr. James A. Teeri**

Associate Professor  
University of Chicago  
Department of Biology  
5630 S. Ingleside Ave.  
Chicago, IL 60637

Ph.D. Duke University 1972  
Phone (312) 962-8933

Organisms Worked With: 1 2 3

Systematic Techniques: 20 21 22 23 24 26 27 28 31

Ecological Interests: 34 35 36 40 42 43 45

47 49 50 51 57 60

Geographical Areas: Illinois, Michigan, North Carolina, Colorado,  
Texas, New Mexico, Arizona, California, Oregon, Hawaii; Mexico; Australia  
Organism Specialties: angiosperms and gymnosperms

Ecological Expertise: physiological ecology, population ecology

#380

**Mr. Robert C. Thomas**

Environmental Specialist  
Illinois E.P.A.  
Technical Standards Unit  
2200 Churchill Road  
Springfield, IL 62706

M.S. Western Illinois University 1982  
Phone (217) 282-3362

Organisms Worked With: 11 12 13 15

Systematic Techniques:

Ecological Interests: 37 38 39

47 50 55 64

Geographical Areas:

Organism Specialties:

Ecological Expertise: aquatic ecology, environmental assessment

#381

**Dr. Jamie E. Thomerson**

Professor  
Southern Illinois University  
Department of Biology  
Box 65B  
Edwardsville, IL 62026

Ph.D. Tulane University 1965  
Phone (618) 692-2975

Organisms Worked With: 11

Systematic Techniques: 20 21 26 27 28 31

Ecological Interests: 37 38 39 41 42 43

47 48 50 51 52 62 63

Geographical Areas: Madison, St. Clair and Monroe Counties, Illinois;  
metropolitan St. Louis area; Midwest states; central America and northern  
South America

Organism Specialties: Cyprinodontiformes - Cyprinodontidae

Ecological Expertise: natural history and community structure of fish communities

#382

**Mr. John T. Thompson**

Instructor  
Oak Lawn Community High School  
Science Department  
9400 Southwest Highway  
Oak Lawn, IL 60453

M.S. University of Chicago 1975  
Phone (312) 424-5200 Ext. 74

Organisms Worked With: 8 11 12

Systematic Techniques:

Ecological Interests:

46 51 66

Geographical Areas: Illinois prairies; tropical rain forests;  
national parks of U.S.A. and Costa Rica

Organism Specialties:

Ecological Expertise: population biology of Illinois prairie insects;  
17 yr. cicada and the fungus *Massospora cicadina*; evolution of diptips  
in tropical forests; tropical forest preservation; environmental education

#383

**Dr. Gordon Ray Thurow**

Associate Professor  
Western Illinois University  
Department of Biological Sciences  
Macomb, IL 61455

Ph.D. Indiana University 1955  
Phone (309) 298-1595

Organisms Worked With: 10

Systematic Techniques: 20 21 27 31

Ecological Interests: 40 42

46 51 57 58 61

Geographical Areas: McDonough County and southern Illinois

Organism Specialties: Plethodontid salamanders - Plethodon

Ecological Expertise: ecology and natural history of amphibians and  
reptiles, and their ability to cope with environmental disturbance

#384

**Dr. Robert M. Timm**

Assistant Curator  
Field Museum of Natural History  
Division of Mammals  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605-2496

Ph.D. University of Minnesota 1979  
Phone (312) 922-9410

Organisms Worked With: 8

Systematic Techniques: 20 21 28 30 31

Ecological Interests: 40 42

48 51

Geographical Areas: Minnesota, Nebraska; Costa Rica; Ecuador

Organism Specialties: Rodentia; Chiroptera

Ecological Expertise:

#385

**Dr. Michael E. Toliver**

Assistant Professor  
Eureka College  
Division of Science & Math  
300 E. College  
Eureka, IL 61530

Ph.D. University of Illinois 1979  
Phone (309) 467-3721 Ext. 241

Organisms Worked With: 12  
Systematic Techniques: 21 22 27 28  
Ecological Interests: 40 42 43  
46 48 51 58

Geographical Areas: Woodford County, Illinois; New Mexico

Organism Specialties: Lepidoptera, especially Hesperioidea and Papilionoidea  
Ecological Expertise: mimicry, behavior

#386

**Dr. John A. Tranquilli**

Regional Director  
Ducks Unlimited  
2107 Zuppke Drive  
Urbana, IL 61801

Ph.D. University of Illinois 1974  
Phone (217) 328-5182

Organisms Worked With: 11  
Systematic Techniques:  
Ecological Interests: 37 38 39 40 41 42 43 44 45  
46 50 52 58 62 65 66

Geographical Areas:  
Organism Specialties:

Ecological Expertise: effects of thermal effluents on aquatic ecosystems

#387

**Mr. W. Stan Tyson**

Owner & Curator  
Rivendell Botanic Garden  
P.O. Box 17  
Beardstown, IL 62618

A.S. Danville Junior College 1978  
Phone (217) 323-1745

Organisms Worked With: 1 2 3  
Systematic Techniques: 21 26 27 31  
Ecological Interests: 34 35 36 41 42 43 44 45  
52 54 60 63

Geographical Areas: west central Illinois, northeastern Illinois; northwestern Indiana; Missouri  
Organism Specialties: Aceraceae, Betulaceae, Ericaceae, Pinaceae, Salicaceae, Iridaceae, Liliaceae  
Ecological Expertise: prairie and forest ecology: identification, inventory, restoration and management; horticultural ecology: propagation and habitat requirements of plants; botanic diversity

#388

**Dr. John Duane Unzicker**

Associate Professional Scientist  
Illinois Natural History Survey  
Section of Faunistic Surveys  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Illinois 1966  
Phone (217) 333-6846

Organisms Worked With: 12 14  
Systematic Techniques: 20 21 22 23 27 28 31  
Ecological Interests: 34 37 40  
63

Geographical Areas: west central Illinois, northeastern Illinois; Africa; Australia  
Organism Specialties: Insects - Trichoptera, Ephemeroptera and Plecoptera  
Arachnids - Araneae  
Ecological Expertise:

#389

**Dr. Gerrit D. Van Dyke**

Professor  
Trinity Christian College  
Biology Department  
6601 W. Collge Drive  
Palos Heights, IL 60463

Ph.D. Iowa State University 1972  
Phone (312) 597-3000 Ext. 57

Organisms Worked With: 1 5  
Systematic Techniques: 22 28  
Ecological Interests: 35 36 39 40 41 42 43  
58 59 60 62  
Geographical Areas: Cook County, Illinois

Organism Specialties:  
Ecological Expertise: wetland, forest and prairie ecology

#390

**Dr. Louis Verner**

Assistant Professor  
Illinois Wesleyan University  
Biology Department  
Bloomington, IL 61702

Ph.D. University of Illinois 1979  
Phone (309) 556-3056

Organisms Worked With: 1 8  
Systematic Techniques:  
Ecological Interests: 34 35 40 42  
46 48 51 52 58 59  
Geographical Areas: McLean County, Illinois  
Organism Specialties:

Ecological Expertise: small mammal population biology, behavioral ecology of small mammals; reproductive biology of spring woodland ephemerals

#391

**Dr. James M. Veselenak**  
 Assistant Professor  
 Sangamon State University  
 Medical Technology Program  
 Springfield, IL 62708

Ph.D. Michigan State University 1981  
 Phone (217) 786-6648

Organisms Worked With: 5  
 Systematic Techniques: 20 27 33  
 Ecological Interests: 42

Geographical Areas: Sangamon County, central Illinois  
 Organism Specialties: Basidiomycetes - Holobasidiomycetidae;  
 Deuteromycetes - Hyphomycetidae  
 Ecological Expertise:

#392

**Mr. William Steven Vinikour**  
 Environmental Scientist  
 Argonne National Laboratory  
 Environmental Research Division  
 9700 S. Cass Avenue  
 Argonne, IL 60439

M.S. Northern Illinois University 1977  
 Phone (312) 972-5113

Organisms Worked With: 11 12 13 15  
 Systematic Techniques: 21 27  
 Ecological Interests: 34 35 36 37 38 39 40 41 42 43 45  
 46 47 48 50 52 57 58 60 61 63 64 66

Geographical Areas: Kane and Macoupin Counties, Mississippi River,  
 Illinois; Alabama; Ohio; Wyoming  
 Organism Specialties: aquatic insects

Ecological Expertise: life history and symbiotic associations of fish  
 and macroinvertebrates; pollution ecology, environmental assessment of  
 energy developments and associated impacts (waste disposal, transmission)

#393

**Dr. David J. Voegtlin**  
 Assistant Taxonomist  
 Illinois Natural History Survey  
 Sec. Faunistics & Insect Identification  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Univ. of California-Berkeley 1976  
 Phone (217) 333-6846

Organisms Worked With: 12  
 Systematic Techniques: 21 24 27 28 30 33  
 Ecological Interests: 34 40 42 43  
 48 58

Geographical Areas:

Organism Specialties: Homoptera - Aphididae

Ecological Expertise:

#394

**Dr. Harold K. Voris**  
 Associate Curator & Division Head  
 Field Museum of Natural History  
 Division of Amphibians and Reptiles  
 Roosevelt Road and Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Chicago 1969  
 Phone (312) 922-9410 Ext. 271

Organisms Worked With: 10  
 Systematic Techniques: 20 21 22 23 27 30 31  
 Ecological Interests: 37 38 40 42 43  
 46 47 48 51 52

Geographical Areas: Malaysia, Southeast Asia

Organism Specialties: Hydrophiidae

Ecological Expertise:

#395

**Dr. John A. Wagner**  
 Professor  
 Kendall College  
 Department of Biology  
 2408 Orrington  
 Evanston, IL 60201

Ph.D. Northwestern University 1962  
 Phone (312) 866-1373

Organisms Worked With: 12  
 Systematic Techniques: 20 21 27 28  
 Ecological Interests: 36 40 42 43  
 50 63

Geographical Areas: Livingston, Cook and adjacent counties, Illinois;  
 southeastern states; West Indies; Central America  
 Organism Specialties: Coleoptera - Pselaphidae

Ecological Expertise: basic ecosystem analysis, eastern deciduous forest

#396

**Mr. Stephen W. Waite**  
 Associate Supportive Scientist  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Phone (217) 333-0006

Organisms Worked With: 7 11 13 18 19  
 Systematic Techniques: 20  
 Ecological Interests: 37 38 39 41 42 43 44 45  
 49 50 52 56 62

Geographical Areas: central Illinois

Organism Specialties: Crustacea: Branchiopoda - Cladocera; Copepoda -  
 Calanoida, Cyclopoida; Rotifera: Monogononta - Ploima  
 Ecological Expertise:

#397

**Dr. Gilbert P. Waldbauer**

Professor  
University of Illinois  
Department of Entomology  
320 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. University of Illinois 1960  
Phone (217) 359-3124

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 36 40 42 43

46 51 58

Geographical Areas: Champaign and Piatt Counties, Illinois; Emmet and Cheboygan Counties, Michigan

Organism Specialties:

Ecological Expertise: insect-host plant interactions; mimicry; behavioral and physiological ecology

#398

**Mr. Harlan D. Walley**

Head Animal Caretaker  
Northern Illinois University  
Department of Biological Sciences  
De Kalb, IL 60115

Phone (815) 753-0433

Organisms Worked With: 8 9 10 11

Systematic Techniques: 20 21 28

Ecological Interests: 34 35 36 40 42 43

48 51 52

Geographical Areas: DeKalb and LaSalle Counties, northern Illinois; Southeast Asia, Korea, China and Japan

Organism Specialties: Mammalia - Chiroptera - Vespertilionidae;

Reptilia - Lacertidae - Takydromus and related genera

Ecological Expertise:

#399

**Mr. Stephen J. Walsh**

Graduate Student  
University of Florida  
Dept. of Zoology/Florida State Museum  
Gainesville, FL 32611

M.A. So. Illinois Univ.-Carbondale 1982  
Phone (904) 392-1721

Organisms Worked With: 11

Systematic Techniques: 20 21 23 24 27 28 30 31

Ecological Interests: 37 38 40 41 42

46 48 51 52 57 64

Geographical Areas: southern Illinois; central and southeastern states

Organism Specialties:

Ecological Expertise:

#400

**Dr. George H. Waring**

Professor  
Southern Illinois University  
Department of Zoology  
Carbondale, IL 62901

Ph.D. Colorado State University 1966  
Phone (618) 536-2314

Organisms Worked With: 8 9 10 11

Systematic Techniques:

Ecological Interests:

46

Geographical Areas:

Organism Specialties:

Ecological Expertise: applied ethology

#401

**Dr. Richard E. Warner**

Associate Wildlife Ecologist  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Illinois 1981  
Phone (217) 333-7513

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 36 41 43 45

48 49 52 54 55 56 57 58 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: interactions of agricultural land use and upland wildlife; population ecology of ring-necked pheasants; biostatistics and models

#402

**Dr. John E. Warnock**

Director  
Western Illinois University  
Institute for Environmental Management  
Macomb, IL 61455

Ph.D. University of Wisconsin-Madison 1963  
Phone (309) 298-1265

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 40 41 42 43

46 48 50 52 62 63

Geographical Areas: west central Illinois

Organism Specialties: Rodentia - Chiroptera; Galliformes

Ecological Expertise: wildlife ecology; wild populations in relation to land use; small mammal populations; natural area preservation, preserve establishment and management, endangered species; biological field stations

#403

**Dr. Donald W. Webb**

Insect Taxonomist  
 Illinois Natural History Survey  
 Sec. Faunistics & Insect Identification  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1981

Phone (217) 333-6846

Organisms Worked With: 12

Systematic Techniques: 20 21 23 27 28

Ecological Interests: 36 39 40 42  
46 48 51

Geographical Areas: Illinois and worldwide

Organism Specialties: Diptera - Chironomidae, Coenomyiidae, Rachiceridae  
 Atheridae, Solvidae, Xylophagidae, Glutopidae, Rhagionidae; Mecoptera -  
 Meropeidae, Boreidae, Panorpididae, Panorpidae, Bittacidae

Ecological Expertise:

#404

**Dr. Barbara C. Weber**

Entomologist & Project Leader  
 Southern Illinois University  
 USDA Forest Service  
 Forestry Sciences Laboratory  
 Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1982

Phone (618) 453-2318

Organisms Worked With: 5 12

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 35 41 42 45  
48 58

Geographical Areas: southern Illinois; Indiana; Michigan; eastern states

Organism Specialties: Insecta - Coleoptera - Scolytidae - (ambrosia beetles)

Ecological Expertise: ambrosia beetle/symbiotic microorganisms and their relationships with host trees; species diversity within a community

#405

**Mr. Lawrence J. Weider**

Graduate Student/Research Assistant  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

B.S. St. Bonaventure University 1978

Phone (217) 333-2235

Organisms Worked With: 13

Systematic Techniques: 22 26 27 31

Ecological Interests: 37 40 42 44  
48 51 57

Geographical Areas: Champaign and Vermilion Counties, Illinois

Organism Specialties: Cladocera - Daphnidae - Daphnia pulex

Ecological Expertise: aquatic ecology, population ecology, ecological genetics

#406

**Mr. Robert Arnold Wengrow**

Rockford Region Manager  
 Illinois E.P.A.  
 Division of Land Pollution and Control  
 P.O. Box 915  
 Rockford, IL 61105

B.S. So. Illinois Univ.-Carbondale 1971

Phone (815) 987-7404

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 39 40 44  
50 53 62

Geographical Areas: northwest Illinois

Organism Specialties:

Ecological Expertise:

#407

**Dr. Rupert Leon Wenzel**

Curator Emeritus, Insects  
 Field Museum of Natural History  
 Division of Insects  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Chicago 1962

Phone (312) 922-9410

Organisms Worked With: 12

Systematic Techniques: 20 21 23 27 28 30 33

Ecological Interests: 34 35 36 40 42  
47 51 54

Geographical Areas: worldwide, especially the Holarctic region, Central America, South America and the West Indies

Organism Specialties: Insecta - Diptera - Streblidae, Nycteribiidae;

Coleoptera - Histeridae

Ecological Expertise:

#408

**Dr. David Lloyd West**

Assistant Professor  
 Sangamon State University  
 Department of Biology  
 Shepherd Road  
 Springfield, IL 62708

Ph.D. Northeastern University 1976

Phone (217) 786-6630

Organisms Worked With: 15 17

Systematic Techniques: 20 27 28 31 33

Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Hydrozoa - Campanulariidae (calypoblastic/leptomedusae)

Ecological Expertise:

#409

**Mr. K. Andrew West**

District Biologist  
Illinois Department of Conservation  
Div. of Forest Resources & Nat. Heritage  
P.O. Box 67  
Goreville, IL 62939

M.A. So. Illinois Univ.-Carbondale 1975  
Phone (618) 995-2568

Organisms Worked With: 1 2 3 4 5 6 8 9 10

Systematic Techniques: 20 21 27 28 31

Ecological Interests: 36 39 41 42 45

47 50 52 62

Geographical Areas: southern Illinois

Organism Specialties: Basidiomycetes - Aphyllophorales

Ecological Expertise: applied ecology; natural areas management

#410

**Mr. Ronald L. Westemeier**

Associate Wildlife Ecologist  
Illinois Natural History Survey  
Section of Wildlife Research  
304 Poplar Drive  
Effingham, IL 62401

M.S. Univ. of Wisconsin-Madison 1969  
Phone (618) 783-4125

Organisms Worked With: 1 8 9

Systematic Techniques: 21 27 28 31

Ecological Interests: 34 35 40 41 45

46 48 52 54 58 62 63

Geographical Areas: Jasper and Marion Counties, southern Illinois;  
Wisconsin, Michigan, Minnesota, North Dakota, South Dakota, Nebraska,  
Kansas, Oklahoma, Texas, Missouri and Colorado

Organism Specialties: Aves- Galliformes - Phasianidae - Tympanuchus  
cupido, Phasianus colchicus, Colinus virginianus

Ecological Expertise: prairie grouse ecology, grassland wildlife  
ecology (especially nest ecology)

#411

**Mr. Mark J. Wetzel**

Assistant Supportive Scientist  
Illinois Natural History Survey  
Sec. Faunistics & Insect Identification  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. Eastern Illinois University 1981

Phone (217) 333-6846

Organisms Worked With: 8 9 10 11 12 15 16

Systematic Techniques: 20 21 27 28 31

Ecological Interests: 34 35 36 37 38 39 40 42 43

46 47 48 50 57 58

Geographical Areas: Illinois; Kansas, Kentucky, Maine, Washington,  
Colorado, Utah and Missouri

Organism Specialties: freshwater Annelida: Aeolosomatida, Branchiob-  
dellida, Hirudinea, Oligochaeta, Polychaeta; endangered and threatened  
species of vertebrates

Ecological Expertise: benthos; endangered and threatened species of  
vertebrates

#412

**Mr. David F. Whitacre**

Graduate Student  
University of California  
Department of Zoology  
Davis, CA 95616

B.A. The Evergreen State College 1973

Phone (916) 752-2938

Organisms Worked With: 8 9 10 11 12

Systematic Techniques: 20 33

Ecological Interests: 34 35 40 41 42

46 50 51 52 53 57 66

Geographical Areas: Jackson and Union Counties, southern Illinois;  
montane regions of western U.S.A.; neotropics, especially Mexico (Chiapas,  
San Luis Potasi)

Organism Specialties: falcons and other birds of prey, swifts,  
passerines; mammals: mustelids and carnivores; reptiles: snakes,  
especially Crotalids, Elaphe, Lampropeltis and Natrix; small stream fishes

Ecological Expertise: vertebrate field biology, ecology of vertebrate  
and insect populations and communities; environmental assessment;  
comparative ecology of swifts; predation ecology; environmental education

#413

**Mr. John White**

904 S. Anderson Street  
Urbana, IL 61801

Phone (217) 367-8770

Organisms Worked With: 1 2 3 8 9 10 11

Systematic Techniques:

Ecological Interests: 35 36 38 39 40 42

47 50 58 59 60 63

Geographical Areas:

Organism Specialties:

Ecological Expertise:

#414

**Dr. W. Sedgefield White**

Environmental Scientist  
Argonne National Laboratory  
Environmental Research Division  
9700 S. Cass Avenue  
Argonne, IL 60439

Ph.D. Michigan State University 1974  
Phone (312) 972-3169

Organisms Worked With: 7 10 11

Systematic Techniques:

Ecological Interests: 36 37 38 39 41 42 43

50 58 61

Geographical Areas: Great Lakes

Organism Specialties:

Ecological Expertise:

#415

**Dr. Wesley C. Whiteside**

Professor  
Eastern Illinois University  
Department of Botany  
Charleston, IL 61920

Ph.D. Florida State University 1959  
Phone (217) 581-3525

Organisms Worked With: 1 2 5 6  
Systematic Techniques: 22 27  
Ecological Interests:

Geographical Areas: Coles and Clark Counties, Illinois  
Organism Specialties: fungi and lichens

Ecological Expertise:

#416

**Dr. Larry Stephen Whitley**

Professor  
Eastern Illinois University  
Department of Zoology  
Charleston, IL 61920

Ph.D. Purdue University 1963  
Phone (217) 581-2500

Organisms Worked With: 16  
Systematic Techniques: 20 22 27  
Ecological Interests: 37 38 39 40 42 43  
50 57

Geographical Areas: Illinois, especially east central Illinois;  
southeastern states

Organism Specialties: Oligochaeta, Tubificidae

Ecological Expertise: benthic communities in natural and disturbed  
environments

#417

**Dr. Gregory S. Whitt**

Professor  
University of Illinois  
Dept. of Genetics & Development  
515 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. Yale University 1970  
Phone (217) 333-4645

Organisms Worked With: 11  
Systematic Techniques: 22 23 25 26 30 32  
Ecological Interests: 37 40 41 42 44  
51 57 66

Geographical Areas:

Organism Specialties: Perciformes, Centrarchidae - Lepomis, Micropterus

Ecological Expertise: biochemical aspects of ecological genetics

#418

**Dr. Donald T. Wicklow**

Microbiologist  
Northern Regional Research Center  
Agricultural Research Culture Collection  
1815 N. University Street  
Peoria, IL 61604

Ph.D. University of Wisconsin 1971  
Phone (309) 685-4011 Ext. 267

Organisms Worked With: 5  
Systematic Techniques: 21 27 28  
Ecological Interests: 35 40 41 42 45  
47 51 58 63

Geographical Areas: U.S.A.; presently Georgia and Arizona

Organism Specialties: Eurotiales - Aspergillaceae - Aspergillus,  
Penicillium

Ecological Expertise: seed germination of post-fire chaparral annuals;  
organization of soil fungal communities; coprophilous fungi; mycotoxigenic  
fungi in cereal ecosystems

#419

**Dr. Michael J. Wiley**

Assistant Professional Scientist  
Illinois Natural History Survey  
Section of Aquatic Biology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Michigan 1980  
Phone (217) 333-6889

Organisms Worked With: 11 12 13 15 16 17  
Systematic Techniques:  
Ecological Interests: 37 38 39 40 41 42 45  
46 48 49 50 55 57 58 62

Geographical Areas: Illinois, Michigan

Organism Specialties: aquatic insects: Chironomidae, Ephemeroptera

Ecological Expertise:

#420

**Dr. Gerould S. Wilhelm**

Research Taxonomist/Ecologist  
The Morton Arboretum  
Research Department  
Lisle, IL 60532

B.S. Florida State University 1971  
Phone (312) 968-0074

Organisms Worked With: 1 2 3 6  
Systematic Techniques: 22  
Ecological Interests: 35 36 38 39 41 42 43 44 45  
47 50 61 62 63 65

Geographical Areas: Chicago region (Illinois, Wisconsin, Indiana and  
Michigan); Alabama; Florida and Missouri

Organism Specialties: vascular plants and macrolichens

Ecological Expertise: management of natural lands; revegetation of  
problem soils; natural area assessment

#421

**Dr. Ruth L. Willey**

Associate Professor  
University of Illinois  
Department of Biological Sciences  
Box 4348  
Chicago, IL 60680

Ph.D. Radcliffe College 1956  
Phone (312) 996-8674

Organisms Worked With: 7 12  
Systematic Techniques: 20 21 24 27  
Ecological Interests: 37 38 40 42 44  
46 48 51 57 58

Geographical Areas: northern Illinois, northwest Indiana, western Colorado

Organism Specialties: algae: Euglenales; insects: Odonata

Ecological Expertise: behavioral interactions between unicellular organisms (mainly algae) and invertebrate hosts; epibiosis and symbiosis

#422

**Dr. Thomas A. Williams**

Assistant Professor  
North Central College  
Department of Biology  
29 N. Brainard Street  
Naperville, IL 60566

Ph.D. Washington State University 1984  
Phone (312) 420-3489

Organisms Worked With: 10  
Systematic Techniques: 20 23 27 33  
Ecological Interests: 34 37 40 42  
46 51 66

Geographical Areas: North America

Organism Specialties: Ambystomatidae

Ecological Expertise:

#423

**Dr. William Evan Williams**

Assistant Professor  
Trinity College  
Department of Biology  
Hartford CT, 06106

Ph.D. Stanford University 1981  
Phone (203) 527-3151 ext. 570

Organisms Worked With: 1 2  
Systematic Techniques: 20 21 33  
Ecological Interests: 35 42  
57

Geographical Areas: Champaign County, Illinois; California; New England

Organism Specialties:

Ecological Expertise: plant physiological ecology, especially stomatal control, photosynthesis, heat exchange and elevated carbon dioxide levels

#424

**Dr. Mary F. Willson**

Professor  
University of Illinois  
Dept. of Ecology, Ethology & Evolution  
606 E. Healey Street  
Champaign, IL 61820

Ph.D. University of Washington 1964  
Phone (217) 333-0608

Organisms Worked With: 1 9  
Systematic Techniques:  
Ecological Interests: 34 35 40 42 43  
46 48 51 58

Geographical Areas: Champaign, Piatt, Vermilion and Douglas Counties, Illinois; Minnesota, Wisconsin

Organism Specialties:

Ecological Expertise: plant reproduction; pollination, floral display, life history, seed dispersal

#425

**Dr. Karin Wisiol**

Plant Physiologist  
U.S. Department of Agriculture  
Agricultural Research Service  
614 Indian Road  
Glenview, IL 60025

Ph.D. University of Illinois-Chicago 1982  
Phone (312) 729-3294

Organisms Worked With: 1 5 8 12 16  
Systematic Techniques: 21  
Ecological Interests: 35 36 41 42 43 45  
55 56 58 59 60 61 62

Geographical Areas: Midwest, north-central and Great Plains states; Africa; Asia; Australia; New Zealand; South America and Central America

Organism Specialties: Poaceae, Fabaceae; Nematoda; ungulates

Ecological Expertise: modelling; grazingland ecology; crop ecology

#426

**Dr. James H. Witham**

Assistant Supportive Scientist  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Dr.  
Champaign, IL 61820

Ph.D. Colorado State University 1983  
Phone (217) 333-6855

Organisms Worked With: 8  
Systematic Techniques:  
Ecological Interests: 34 41 43 45  
48 50 52 53 58 62 64

Geographical Areas: southwestern states, Sonoran Desert

Organism Specialties: ungulates

Ecological Expertise:



#427

**Dr. Gertraude C. Wittig**

Professor  
Southern Illinois University  
Department of Biological Sciences  
Edwardsville, IL 62026

Ph.D. Univ. of Tübingen-Germany 1955  
Phone (618) 692-3927

Organisms Worked With: 12  
Systematic Techniques: 20 24 27  
Ecological Interests:

Geographical Areas:  
Organism Specialties: Insecta - Halipilidae

Ecological Expertise:

#428

**Mr. Lorne Mark Wolfe**

Graduate Student  
University of Illinois  
Dept. of Ecology, Ethology, & Evolution  
606 E. Healy Street  
Champaign, IL 61820

M.Sc. University of Toronto 1984  
Phone (217) 333-2235

Organisms Worked With: 1 12  
Systematic Techniques: 26 31  
Ecological Interests: 37 40 42  
46 51 58

Geographical Areas:

Organism Specialties: Pontederiaceae - Pontederia cordata;  
Sarraceniaceae - Sarracenia purpurea; Insecta - Bombus  
Ecological Expertise: pollination biology, plant reproductive biology,  
foraging behavior of bees

#429

**Dr. Robert S. Wolff**

Instructor of Biology  
Trinity Christian College  
Department of Biology  
6601 W. College Drive  
Palos Heights, IL 60463

Ph.D. University of Wisconsin-Milwaukee 1984  
Phone (312) 597-3000 Ext. 57

Organisms Worked With: 14 16  
Systematic Techniques: 20 21 22 23 28 30  
Ecological Interests: 35  
46 48 58

Geographical Areas: Nearctic and Neotropics

Organism Specialties: Oligochaeta - Lumbricidae, Enchytraeidae;  
Arachnida, Araneae - Salticidae, Lycosidae, Senoculidae  
Ecological Expertise:

#430

**Dr. A. Michelle Wood**

Postdoctoral Fellow  
University of Chicago  
Biophysics and Theoretical Biology  
920 E. 58  
Chicago, IL 60637

Ph.D. University of Georgia 1980

Organisms Worked With: 1 7 19  
Systematic Techniques: 21 27 31 33  
Ecological Interests: 37 38 39 40 42 44  
47 50 51 55 56 57 58 59 63

Geographical Areas: continental shelf, estuarine and oceanic systems  
of the Atlantic, Gulf of Mexico and Caribbean Sea

Organism Specialties: marine phytoplankton: Bacillariophyceae,  
Dinophyceae, Haptophyceae, Cyanophyceae, etc.  
Ecological Expertise: aquatic microbial ecology, photosynthesis and  
primary production, trace metal biogeochemistry, phytoplankton ecology and  
evolution

#431

**Dr. William M. Zales**

Botany Instructor  
Joliet Junior College  
Biology Department  
1216 Houbolt Road  
Joliet, IL 60436

Ph.D. Univ. of British Columbia 1972  
Phone (815) 729-9020

Organisms Worked With: 1 4 6 8 9 11  
Systematic Techniques: 21 27 30  
Ecological Interests: 42 43 45  
52 62 63

Geographical Areas: Will County and adjacent areas, Illinois

Organism Specialties: Bryophyta - Philonotis

Ecological Expertise:

#432

**Dr. Arthur Rainer Zangerl**

Research Associate  
University of Illinois  
Department of Entomology  
320 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. University of Illinois 1980  
Phone (217) 333-7784

Organisms Worked With: 1 12  
Systematic Techniques:  
Ecological Interests: 34 40 42 43  
51 57 58 59 60 63 65  
Geographical Areas: Champaign County, Illinois

Organism Specialties:

Ecological Expertise: plant population variation and ecological  
variation

#433

**Dr. Jerrold H. Zar**

Professor &amp; Chairman

Northern Illinois University

Department of Biological Sciences

De Kalb, IL 60115-2861

Phone (815) 753-0433

Organisms Worked With: 8 9 12

Systematic Techniques:

Ecological Interests: 35 38 40 41 42 43

49 50 53 57

Geographical Areas:

Organism Specialties:

Ecological Expertise: statistical analysis of research data

#434

**Dr. Craig A. Zimmerman**

Professor and Chairman

Aurora College

Department of Biology

347 S. Gladstone

Aurora, IL 60506

Ph.D. University of Michigan 1969

Phone (312) 892-6431

Organisms Worked With: 1 9

Systematic Techniques:

Ecological Interests: 40 43

46 51 56 57 60 65

Geographical Areas:

Organism Specialties: Portulaca

Ecological Expertise: physiological ecology of weeds; imprinting in game birds; changes in disturbed streams

#435

**Dr. U. Douglas Zimmerman**

Associate Professor

Eastern Illinois University

Department of Botany

Charleston, IL 61920

Ph.D. University of Missouri-Columbia 1971

Phone (217) 581-3525

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43 44 45

59 60 62 63 65

Geographical Areas: Coles County, Illinois

Organism Specialties:

Ecological Expertise: effects of land use on vegetation, and of vegetation on land use; adventive species encroachment into adjacent vegetation; establishment and maintenance of tallgrass prairie

## 5. Index

Numbers in the body of all indices refer to the record number of respondents listed alphabetically in Section 4.2.

### 5.1 Categorical Response Index

#### 5.1.1 ORGANISMS WORKED WITH:

##### GROUP NUMBER 1 — FLOWERING PLANTS

2, 3, 8, 12, 13, 15, 17, 18, 20, 23, 24, 27, 28, 30, 31, 35, 36, 40, 41, 42, 47, 51, 55, 57, 59, 61, 62, 65, 68, 71, 75, 81, 83, 85, 90, 92, 93, 96, 98, 99, 101, 102, 108, 109, 113, 115, 119, 120, 122, 123, 125, 127, 132, 133, 137, 140, 141, 142, 143, 148, 149, 150, 151, 154, 160, 165, 167, 168, 171, 173, 174, 181, 183, 185, 186, 187, 188, 190, 193, 194, 197, 198, 199, 204, 207, 209, 216, 218, 224, 226, 228, 229, 235, 237, 238, 243, 245, 246, 248, 250, 253, 254, 256, 258, 259, 260, 263, 268, 269, 270, 272, 273, 276, 279, 281, 283, 285, 286, 290, 291, 292, 298, 299, 302, 305, 306, 308, 312, 313, 315, 316, 317, 319, 320, 330, 331, 332, 333, 335, 336, 337, 342, 348, 350, 352, 353, 355, 368, 372, 373, 375, 377, 378, 379, 387, 389, 390, 409, 410, 413, 420, 423, 424, 425, 428, 430, 431, 432, 434, 435

##### GROUP NUMBER 2 — GYMNOSPERMS

12, 15, 42, 47, 51, 59, 75, 93, 99, 101, 108, 109, 127, 132, 140, 141, 150, 151, 167, 174, 185, 194, 197, 204, 207, 209, 216, 218, 246, 256, 268, 273, 279, 294, 320, 331, 336, 350, 352, 353, 355, 364, 373, 377, 379, 387, 409, 413, 420, 423

##### GROUP NUMBER 3 — FERNS AND FERN ALLIES

12, 15, 47, 75, 93, 99, 101, 102, 108, 123, 132, 140, 141, 150, 151, 167, 174, 185, 194, 197, 204, 207, 209, 218, 231, 243, 246, 250, 256, 259, 268, 279, 294, 302, 308, 331, 336, 337, 352, 353, 355, 364, 366, 373, 379, 387, 409, 413, 420

##### GROUP NUMBER 4 — BRYOPHYTES

15, 17, 97, 123, 141, 174, 209, 246, 268, 279, 280, 306, 308, 326, 355, 356, 367, 409, 431

##### GROUP NUMBER 5 — FUNGI

13, 18, 62, 80, 117, 123, 132, 141, 155, 162, 190, 205, 209, 232, 244, 245, 254, 258, 269, 326, 334, 344, 355, 371, 389, 391, 404, 409, 415, 418, 425

##### GROUP NUMBER 6 — LICHENS

13, 15, 17, 80, 84, 141, 209, 243, 246, 285, 334, 344, 347, 367, 409, 415, 420, 431

##### GROUP NUMBER 7 — ALGAE

3, 6, 42, 52, 55, 58, 62, 76, 123, 127, 134, 141, 144, 157, 197, 215, 226, 228, 235, 248, 256, 258, 263, 270, 277, 280, 289, 311, 355, 369, 396, 414, 421, 430

##### GROUP NUMBER 8 — MAMMALS

4, 15, 19, 24, 29, 35, 37, 38, 42, 47, 48, 59, 71, 74, 94, 101, 104, 105, 106, 111, 114, 116, 118, 123, 127, 128, 130, 132, 136, 138, 139, 140, 143, 145, 148, 158, 159, 164, 167, 175, 183, 187, 189, 195, 198, 203, 209, 217, 224, 230, 235, 236, 238, 242, 249, 250, 252, 255, 266, 267, 278, 279, 285, 287, 288, 295, 296, 302, 303, 307, 309, 320, 321, 322, 323, 325, 327, 328, 333, 335, 338, 340, 341, 345, 349, 358, 370, 372, 382, 384, 390, 398, 400, 401, 402, 406, 409, 410, 411, 412, 413, 425, 426, 431, 433

##### GROUP NUMBER 9 — BIRDS

3, 4, 9, 10, 13, 15, 29, 35, 36, 37, 39, 42, 47, 56, 59, 71, 78, 94, 101, 103, 114, 116, 123, 127, 132, 133, 139, 140, 143, 145, 148, 166, 167, 179, 183, 184, 187, 189, 196, 197, 198, 209, 211, 230, 238, 248, 250,

274, 279, 288, 295, 296, 302, 305, 312, 318, 320, 321, 322, 325, 327, 332, 333, 335, 338, 340, 341, 368, 370, 372, 373, 376, 398, 400, 401, 402, 409, 410, 411, 412, 413, 424, 431, 433, 434

##### GROUP NUMBER 10 — REPTILES AND AMPHIBIANS

15, 16, 21, 29, 33, 35, 43, 47, 50, 55, 69, 73, 82, 88, 123, 124, 127, 132, 145, 148, 161, 163, 167, 170, 177, 182, 189, 197, 202, 213, 227, 230, 233, 239, 242, 250, 257, 261, 262, 264, 276, 279, 288, 295, 296, 302, 309, 312, 313, 320, 321, 331, 343, 347, 368, 372, 383, 394, 398, 400, 409, 411, 412, 413, 414, 422

##### GROUP NUMBER 11 — FISHES

1, 11, 22, 26, 34, 53, 55, 58, 60, 63, 66, 71, 76, 87, 88, 89, 100, 123, 127, 129, 132, 147, 152, 167, 169, 176, 179, 180, 182, 184, 186, 192, 201, 202, 209, 210, 213, 216, 222, 228, 229, 233, 240, 249, 262, 263, 274, 276, 282, 289, 293, 295, 296, 299, 302, 304, 310, 311, 312, 320, 321, 329, 343, 346, 354, 359, 362, 363, 372, 374, 378, 380, 381, 382, 386, 392, 396, 398, 399, 400, 411, 412, 413, 414, 417, 419, 431

##### GROUP NUMBER 12 — INSECTS

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- FOREST

- PRAIRIE*

- ## SAVANNA

- (38) *OTHER:*

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- ☐ (17) Marsh
- ☐ (18) Swamp
- ☐ (19) Bog
- ☐ (20) Fen
- ☐ (21) Sedge Meadow
- ☐ (22) Panne
- ☐ (23) Seep or Spring
- ☐ (24) Stream
- ☐ (25) River
- ☐ (26) Pond
- ☐ (27) Lake
- ☐ (28) Artificial Impoundment

☐ (29) Glade

☐ (30) Bluff or Cliff

☐ (31) Cave

☐ (32) Dune or Bar

- ☐ (33) Cultivated Field
- ☐ (34) Pasture
- ☐ (35) Successional Field
- ☐ (36) Mine Spoils
- ☐ (37) Developed Land  
(urban/suburban/industrial)

## 5. With what groups of organisms do you work?

a. General categories:

- |   |   |
|---|---|
| <input type="checkbox"/> (39) Flowering Plants                  | <input type="checkbox"/> (50) Reptiles and Amphibians |
| <input type="checkbox"/> (40) Gymnosperms                       | <input type="checkbox"/> (51) Fishes                  |
| <input type="checkbox"/> (41) Ferns and Fern Allies             | <input type="checkbox"/> (52) Insects                 |
| <input type="checkbox"/> (42) Bryophytes                        | <input type="checkbox"/> (53) Crustaceans             |
| <input type="checkbox"/> (43) Fungi                             | <input type="checkbox"/> (54) Arachnids               |
| <input type="checkbox"/> (44) Lichens                           | <input type="checkbox"/> (55) Mollusks                |
| <input type="checkbox"/> (45) Algae                             | <input type="checkbox"/> (56) Worms                   |
| <input type="checkbox"/> (46) Bacteria                          | <input type="checkbox"/> (57) Coelenterates           |
| <input type="checkbox"/> (47) Mammals                           | <input type="checkbox"/> (58) Protozoans              |
| <input type="checkbox"/> (48) Birds                             | <input type="checkbox"/> (59) Other _____             |
| <input type="checkbox"/> (49) Endangered and Threatened Species | _____   |

b. What specific orders, families, genera, or other taxa are your TAXONOMIC specialty?  
(Limit of 200 typewritten characters.)

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c. What particular species, genera, or other taxa do you study as the subjects of your ECOLOGICAL research? (Limit of 200 typewritten characters.)

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## 6. Regarding your SYSTEMATIC research only:

What systematic approaches and methodologies do you utilize?

- |  |  |
|--|--|
| <input type="checkbox"/> (60) Anatomy/Histology/Ultrastructure | <input type="checkbox"/> (69) Gross Morphology             |
| <input type="checkbox"/> (61) Biogeography                     | <input type="checkbox"/> (70) Nomenclature                 |
| <input type="checkbox"/> (62) Chromatography/Electrophoresis   | <input type="checkbox"/> (71) Palynology                   |
| <input type="checkbox"/> (63) Cladistics                       | <input type="checkbox"/> (72) Phenetics/Numerical Taxonomy |
| <input type="checkbox"/> (64) Cytology/Chromosomes             | <input type="checkbox"/> (73) Physiology                   |
| <input type="checkbox"/> (65) Ecology/Behavior                 | <input type="checkbox"/> (74) Reproductive Biology         |
| <input type="checkbox"/> (66) Embryology                       | <input type="checkbox"/> (75) Revision/Monographs          |
| <input type="checkbox"/> (67) Floristics/Faunistics            | <input type="checkbox"/> (76) Serology                     |
| <input type="checkbox"/> (68) Genetics/Breeding                | <input type="checkbox"/> (77) Other _____                  |
|  | _____  |

**7. Regarding your ECOLOGICAL research only:**

a. Please check the items below that apply to your ecological studies.

*SYSTEM*

- ☐ (78) Terrestrial  
☐ (79) Freshwater  
☐ (80) Marine

*HABITAT STATUS*

- ☐ (81) Natural  
☐ (82) Man-disturbed  
☐ (83) Artificial  
☐ (84) Managed

*LEVEL*

- ☐ (85) Individual  
☐ (86) Population  
☐ (87) Community  
☐ (88) Ecosystem  
☐ (89) Landscape  
☐ (90) Biosphere

*APPROACH*

- ☐ (91) Basic  
☐ (92) Applied  
☐ (93) Sample Surveys  
☐ (94) Cultivation/Husbandry  
☐ (95) Experimentation

- ☐ (96) Behavioral Ecology  
☐ (97) Commun. Descrip./Floristics/Faunistics  
☐ (98) Community Classification/Ordination  
☐ (99) Competition  
☐ (100) Demography/Life History  
☐ (101) Ecological Genetics  
☐ (102) Energetics/Energy Budgets  
☐ (103) Environmental Impact Assessment  
☐ (104) Evolution  
☐ (105) Field Census  
☐ (106) Herbivory  
☐ (107) Human Ecology  
☐ (108) Models  
☐ (109) Nutrient Cycling  
☐ (110) Nutrition  
☐ (111) Physiological Ecology  
☐ (112) Plant/Soil Relations  
☐ (113) Pollination Biology  
☐ (114) Reclamation  
☐ (115) Resource Management  
☐ (116) Seed Biology  
☐ (117) Spatial Pattern Analysis/Mapping  
☐ (118) Succession  
☐ (119) Toxicology  
☐ (120) Weeds/Invasion Biology  
☐ (121) Other \_\_\_\_\_

b. In what specific areas of ecology do you have expertise? (Limit of 200 typewritten characters.)

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8. Please send a list of your publications, if possible. List Enclosed? ☐ Yes ☐ No ☐ None

9. Return form to:

Kenneth R. Robertson  
 Illinois Natural History Survey  
 607 East Peabody Drive  
 Champaign, IL 61820

**Many thanks for your cooperation!** — All people who fill out and return this questionnaire will automatically receive a copy of the updated directory.



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